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Notice on Printing and Distributing *Assessment Standards for the Achievements of Doctoral Candidates in Applying for a Doctoral Degree of Southeast University (2018)*

For all the campuses, schools, departments, institutes, offices, sections, directly affiliated institutes and academic units of Southeast University:

In order to further improve the doctoral candidates' degree award quality in our university, the optimized amendment of *Assessment Standards for the Achievements of Doctoral Candidates in Southeast University to Apply for a Doctoral Degree (2018)* has been passed in the 14th meeting of the 14th session of the Academic Degree Evaluation Committee of Southeast University. Now the optimized amendment will be printed. Please observe and implement it.

Southeast University

February 2nd, 2018

(Active Disclosure)

Assessment Standards for the Achievements of Doctoral Candidates in Southeast University to Apply for a Doctoral Degree (2018)

**Basic Requirements**

**Ⅰ. Definitions of Achievements**

The achievements of a doctorate applicant include the academic papers the person published, the scientific research awards the person obtained, the authorized patents the person filed, as well as other achievements recognized by the Academic Degree Evaluation Committee of Southeast University the person made after s/he was enrolled as a doctoral student. The achievements for applying for a doctoral degree shall be relevant to the researches in candidates' doctoral dissertations.

**Ⅱ. Journal Accreditation Standard**

1. The academic papers of doctoral applicants should be published in SCIE, SSCI, A＆HCI, EI, MI, CSSCI (core), CSCD (core)and Guide to Chinese Core Journals (compiled by Peking University Library, the version in the year when the paper was published shall prevail), not including some irregular publications, such as the supplements or special issues of these academic journals.

2. If the papers are published in the academic journals organized by Southeast University, they will only be counted once.

3. According to this standard, "journals" refer to those that serve as the "sources" (which can be retrieved in relevant foreign language databases) of some Chinese and foreign retrieval systems, including SCIE, SSCI, A＆HCI, EI, MI, CSSCI (core), CSCD (core) and Guide to Chinese Core Journals (compiled by Peking University Library).

As for source journals, the year of paper publication should prevail. As for the JCR Quartile to which journals belong and the recognition of impact factors, the year of paper publication in principle should prevail. (If by the date of degree application, the data of Quartile and impact factors has not been published by any retrieval system, the latest data should prevail).

Ⅲ. Signature of Scientific Achievements

1. For the academic papers of doctoral candidates, Southeast University must be the first author affiliation, which means that the first author affiliation of the first author and the first corresponding author must be "Southeast University" or "\* Institution of Southeast University". Unless otherwise specified, doctoral candidates must be the first author of the academic papers.

2. In the scientific research award certificates submitted by doctoral candidates, Southeast University must be the first author affiliation of the first author. The candidates should be the main person-in-charge with individual award certificates.

3. In the certificates of patent submitted by doctoral candidates, Southeast University must be the first patentee. And the candidates should be the first named inventor, or their supervisors should be the first named inventor and the candidate the second named inventor.

**Assessment Scheme**

**Ⅰ**. **Doctoral candidates applying for a degree in Philosophy and Law** should publish at least three academic papers in CSSCI (core) journals.

One academic paper published in SSCI/A＆HCI journals is equivalent to two academic papers published in CSSCI (core) journals.

**Ⅱ**. One of the following conditions must be met for **the** **doctoral candidate in** **Art**:

1. Publish one academic paper in SSCI/A＆HCI and CSSCI (core)journals respectively;

2. Publish three academic papers in CSSCI (core) journals;

3. Publish two academic papers in CSSCI (core) journals and two in the journals of Guide to Chinese Core Journals.

**Ⅲ.** One of the following conditions must be met for **the** **doctoral candidate in** **Science and Engineering** (apart from architecture, urban and rural planning, landscape architecture and biology):

1. Publish two academic papers in SCIE/SSCI journals, at least one of which is included in the O1/Q2 journals ofJCR Quartile on the corresponding subject.

2. Publish three academic papers in SCIE/SSCI or EI/CSCD (core) journals. At least two must be included in SCIE/SSCI.

3. Publish two academic papers that are included in SCIE/SSCI in SCIE/SSCI journals and obtain one national invention patent.

**Ⅳ.** One of the following conditions must be met for the doctoral candidate in **Architecture, Urban and Rural Planning and Landscape Architecture**

1. Publish two academic papers in SCIE/SSCI/A&HCI journals or academic journals at the highest level, at least one of which must be included in SCIE/SSCI/A&HCI.

2. Publish two academic papers in SCIE/SSCI/A&HCI journals or academic journals at the highest level, and one in EI/ CSSCI (core)/CSCD (core)journals or major academic journals.

3. Publish two academic papers in SCIE/SSCI/A&HCI journals or academic journals at the highest level, and one of the following conditions should be met:

① Obtain one national invention patent;

② Obtain a planning and design award granted by the Ministry of Education, provinces or municipalities (the candidates should be the major contributor with individual award certificates);

③ Obtain major student competition awards (Top 3);

④ Exhibit on important building exhibitions at home and abroad (the candidates should be major exhibitors with individual participation certificates).

For the Catalogue of Major Academic Journals, Planning and Design Awards, Architecture Exhibitions and Student Competitions, see the Appendix of the Evaluation Subcommittee on Academic Degree.

**Ⅴ**. One of the following conditions must be met for the doctoral candidate in Biology:1. Publish journal papers included in Nature Index or one academic paper on the corresponding subject areas in the Q1 journals of the JCR Quartile or one in SCIE/SSCI journals (with an impact factor ≥5.0).

2. Publish three academic papers in SCIE/SSCI journals, Chinese Medical Association journals or EI/CSCD (core) journals, at least two of which must be included in SCIE/SSCI (with an impact factor>1.0).

3. Doctoral candidates who are the top two and co-first authors can apply a doctoral degree if they have published one academic paper in journals (with an impact factor ≥10.0), but their doctoral thesis contents cannot be the same.

**Ⅵ.** **Doctoral candidates applying for a doctoral degree in** **Economics and Management** should publish three academic papers in SCIE/SSCI/A＆HCI/EI/CSSCI (core)/CSCD (core) journals. At least one paper must be included in SCIE/SSCI/A&HCI or published in Social Sciences in China, Economic Research, Journal of Management Sciences in China and Management World.

**Ⅶ**. One of the following conditions must be met for **the doctorate candidates in** **Medicine**: 1. Publish papers in the Q1 journals on the corresponding subject in the JCR Quartile.

or one in SCIE/SSCI journals (with an impact factor ≥5.0) .

2. Publish two academic papers in SCIE/SSCI journals, at least one of which is included in Q2 journals in the JCR Quartile on the corresponding subjects.

3. Publish three academic papers in SCIE/SSCI journals, or journals of Chinese Medical Association, or journals included in Medline, or EI/ CSCD (core) journals. At least two must be included in SCIE/SSCI journals (with an impact factor ≥3.0).

4. Doctoral candidates who are the top two and co-first authors can apply a doctoral degree if they have published one academic paper in journals (with an impact factor ≥10.0), but their doctoral thesis contents cannot be the same.

**Instructions**

Ⅰ. The achievements of doctoral candidates should be officially published, announced or authorized. Doctoral candidates must provide the originals of the journals and verification of other achievements, including the paper retrieval proof issued by the school library. The academic papers published in EI journals should be included in EI. The document type of the academic papers included in SCIE/SSCI/A&HC should in principle be Article, Review or Letter; the academic papers included in SCIE/SSCI/A&HC must be retrieved in corresponding database and have a search number. Academic papers officially published in the JCR Quartile in the Q1 or Q2 journals on the corresponding subject in the JCR Quartile can be regarded as being included in SCIE/SSCI, while the proof officially published by relevant papers and the JCR report of the journal should be presented.

Ⅱ. Other achievements of doctoral candidates can be counted according to the following rules. The achievements can only be counted once, which concretely refers to:

1. Papers (the candidates are the first author and the words of the main body are more than 3000) reprinted in full in The New China Review, China Social Sciences Digest, China University Academic Abstracts (originally called Abstracts of Journal of liberal Arts of Colleges and Universities) and People's Congress Photocopying Newspaper Materials can be equivalent to one paper published in CSSCI (core) journals. Papers having been published in CSSCI (core) journals will not be counted twice.

2. One paper (the candidates are the first author and the words of the Main Body are more than 2000) published in People's Daily, Guang Ming Daily, Wenhui Daily, and China Education Daily (Theory Edition) can be equivalent to one published in CSSCI (core) journals.

3. Obtain one scientific research award (the second award and above) at the provincial and ministerial level can be equivalent to one paper published in EI journals and included in EI, or one paper published in CSSCI (core) /CSCD (core) journals.

Ⅲ. Guided by partner professors to research the papers in SCIE/SSCI/A＆HCI published by the research institute of the partner, the doctoral candidates delegated by China Scholarship Council or jointly trained doctoral candidates with the agreement of Southeast University (with an agreement of joint development) can sign the partner supervisors as the corresponding authors, if the doctoral candidates in Southeast University are the first author and Southeast University is the first signature unit. The achievements of jointly trained doctoral candidates applying for a doctoral degree can be evaluated according to the following rules. At most one paper can be counted, which concretely means:

1. For doctoral candidates in science, engineering, medicine, management and economics, one paper published in SCIE/SSCI/A＆HCI journals can be equivalent to one published in EI/CSCD (core) journals, or two published in SCIE/SSCI/A＆HCI journals are counted as one published in SCIE/SSCI/A＆HCI journals.

2. For doctoral candidates in philosophy, law and art, one paper published in SCIE/SSCI/A＆HCI journals can be equivalent to one published in CSSCI (core journals) journals, or two published in SCIE/SSCI/A＆HCI journals are counted as one published in SCIE/SSCI/A＆HCI journals.

Ⅳ. Based on the Assessment Standard, each Evaluation Subcommittee on Academic Degree can put forward higher requirements for degree granting in the specific subject and report to the Office of the Evaluation Committee on Academic Degree of the school.

Ⅴ. Supervisors can put forward higher requirements based on theAssessment Standard of the Evaluation Subcommittee on Academic Degree and ask the subcommittee for approval.

Ⅵ. Doctoral candidates publishing academic papers (must be included in SCIE, SSCI, A＆HCI or EI) in authoritative international meetings of the subjects or achieving major or landmark achievements as the main person-in-charge can be further identified when applying for a doctoral degree.

Ⅶ. Applicants for the defense of their dissertations whose achievements do not accord with the standards for applying for a doctoral degree, once passing the defense, must submit the achievements materials that conform to the requirements for applying for relevant doctoral degrees and the final version of doctoral dissertation. The Disciplinary and Academic Degree Evaluation Subcommittee of their major and the Academic Degree Evaluation Committee of the school will deliberate on their degrees. If overdue, the issue will be dismissed.

Ⅷ. The Assessment Standard for doctoral candidates applying for a doctoral degree in newly added subjects during the implementation of the Standard will be supplemented additionally.

Ⅸ. The Assessment Standard will be implemented since the entrance of doctoral candidates in the spring of 2018. Doctoral candidates admitted before 2018 should be evaluated according to the former or current standard.

Ⅹ. The responsibility in the interpretation of this Assessment Standard shall rest with the Graduate School.

Notes:

|  |  |
| --- | --- |
| SCIE： | Science Citation Index Expanded |
| SSCI： | Social Sciences Citation Index |
| A&HCI： | Arts&Humanities Citation Index |
| EI： | Engineering Index |
| MI： | MEDLINE  Database of international biomedical literature includes Index Medicus,  Index to Dental Literation and International Nursing Index. |
| CSSCI： | Chinese Social Science Citation Index |
| CSCD： | Chinese Science CitationDatabase |
| JCR: | Journal Citation Reports |

## **Appendix:**

**Reference List of the Standard of Each Evaluation Subcommittee on Academic Degree**

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[XV. Disciplinary and Academic Degree Evaluation Subcommittee in Electrical Engineering 20](#_bookmark14)

[XVI. Disciplinary and Academic Degree Evaluation Subcommittee in Transportation Engineering, Surveying and Mapping, and Hydraulic Engineering 20](#_bookmark15)

[XVII. Disciplinary and Academic Degree Evaluation Subcommittee in Instrument Science and Technology 21](#_bookmark16)

[XVIII. Disciplinary and Academic Degree Evaluation Subcommittee in Medicine and Biology 21](#_bookmark17)

# Ⅰ. Evaluation Subcommitee on Academic Degree in Architecture, Urban and Rural Planning, and Landscape Architecture

Doctoral candidates applying for degrees of these disciplines in Evaluation Subcommitee on Academic Degree are to be evaluated according to the standard of Architecture, Urban and Rural Planning and Landscape Architecture in SEU Academic Achievement Evaluation Program.

 For the catalogue of major journals of Architecture, Urban and Rural Planning, and Landscape Architecture, planning and design awards, student competitions and architecture exhibitions, see the Appendix 1 and 2.

### Appendix 1: Catalogue of Academic Journals at the Highest Level and Major Academic Journals.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Journal Name | Organizer | ISSN Number | Notes |
| 1 | Architectural Journal | Architectural Society of China | 0529-1399 | Academic journals of Architecture at the highest level |
| 2 | City Planning Review | China Society of City Planning | 1002-1329 | Academic journals of Urban and Rural Planning at the highest level |
| 3 | Chinese Landscape Architecture | Chinese Society of Landscape Architecture | 1000-6664 | Academic journals of Architecture at the highest level |
| 4 | Time + Architecture | Tongji University | 1005-684X | Major journals of Architecture |
| 5 | The Architect | China Architecture & Building Press | 1001-6740 | Major journals of Architecture |
| 6 | New Achitecture | Huazhong University of Science and Technology | 1000-3959 | Major journals of Architecture |
| 7 | World Achitecture | Tsinghua University | 1002-4832 | Major journals of Architecture |
| 8 | Archicreation | Beijing Institute of Architectural Design | 1004-8537 | Major journals of Architecture |
| 9 | Interior Design + Construction | Nanjing Forestry University | 1005-7374 | Major journals of Architecture |
| 10 | Planners | Guangxi Journal Media Group Limited Corporation | 1006-0022 | Major journals of Urban and Rural Planning |
| 11 | Urban Planning International | China Academy of Urban Planning and Design | 1673-9493 | Major journals of Urban and Rural Planning |
| 12 | Modern Urban Research | Nanjing Urban Science Research Society | 1009-6000 | Major journals of Urban and Rural Planning |
| 13 | Landscape Architecture | Chinese Society of Landscape Architecture of Beijing Forestry University | 1673-1530 | Major journals of Landscape Architecture |
| 14 | Traditional Chinese Architecture and Gardens | Beijing Ancient Construction Engineering Corporation | 1000-7237 | Major journals of Landscape Architecture |
| 15 | Journal of Chinese Urban Forestry | Chinese Academy of Forestry | 1672-4925 | Major journals of Landscape Architecture |

**Appendix 2: Planning and Design Awards, Student Competitions and Architecture Exhibitions**

|  |  |  |
| --- | --- | --- |
| No. | Names | Founder |
| 1 | Professional Awards of International Union of Architects | International Union of Architects (UIA) |
| 2 | World Habitat Award | British Construction and Social Housing Foundation |
| 3 | The Habitat Scroll of Honor Award | UN Habitat |
| 4 | ARCASIA Awards for Architecture | Architects Regional Council Asia (ARCASIA) |
| 5 | UNESCO Asia-Pacific Awards for Cultural Heritage Conservation | United Nations Educational, Scientific and Cultural Organization (UNESCO) |
| 6 | International Lighting Design Award | International Association of Lighting Designers (IALD) |
| 7 | Asia-Australia Awards for Architectural Heritage Protection | Asia-Pacific Committee of International Union of Architects |
| 8 | IFLA Asia-Pacific Annual Awards | International Federation of Landscape Architects |
| 9 | ASLA Annual Awards | American Society of Landscape Architecture |
| 10 | BALI UK National Landscape Awards | British Association of Landscape Industries |
| 11 | International Landscape Architecture Award of Tosarolenzo | Italian National Committee of UNESCO |
| 12 | National Excellent Survey and Design Awards | Ministry of Housing and Urban-Rural Development of the People's Republic of China (MOHURD), China Engineering and Consulting Association |
| 13 | Cultural Relics Science-and-Technology Progress Award of National Cultural Heritage Administration | National Cultural Heritage Administration |
| 14 | Excellent Cultural Relics Protection Project Award of National Cultural Heritage Administration | National Cultural Heritage Administration |
| 15 | National Green Building Innovation Award | Ministry of Housing and Urban-Rural Development of the People's Republic of China (MOHURD) |
| 16 | ASC Architectural Creation Award | Architectural Society of China |
| 17 | National Excellent Urban and Rural Planning and Design Award | Ministry of Housing and Urban-Rural Development of the People's Republic of China (MOHURD) |
| 18 | Excellent Landscape Architecture Planning and Design Award | Chinese Society of Landscape Architecture |
| 19 | Excellent Survey and Design Awards by the Ministry of Education of the People's Republic of China | The Ministry of Education of the People's Republic of China |
| 20 | Excellent Survey and Design Awards of Provinces or Municipalities directly under the Central Government | Housing and Urban-Rural Development Department of Provinces or Municipalities directly under the Central Government |
| 21 | Student Design Competition Award (Top 3) of International Union of Architects (UIA) | International Union of Architects (UIA) |
| 22 | Student Design Competition Award (Top 3) of Architects Regional Council Asia (ARCASIA) | Architects Regional Council Asia (ARCASIA) |
| 23 | Student Architectural Design Competition sponsored by Architectural Society of China (Top 3) | Architectural Society of China |
| 24 | Zijin Award Cultural Creative Design Competition (Top 3) | Publicity Department of Jiangsu Provincial Party Committee |
| 25 | Architectural Creation Award of Jiangsu Civil Engineering and Architectural Society (Top 3) | Jiangsu Civil Engineering and Architectural Society |
| 26 | Venice Architecture Biennale | Committee of Venice Architecture Biennale |
| 27 | UIA World Congress of Architects | International Union of Architects (UIA) |
| 28 | Kassel Documenta | Committee of Kassel Documenta |
| 29 | Art Basel | Committee of Art Basel |

# II. Evaluation Subcommittee on Academic Degree in Mechanical Engineering

Doctoral candidates in this discipline applying for academic degrees shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's *Achievement Assessment Scheme*. And supplementary specifications are as follows:

1. Industrial Design: obtaining one International Top Industrial Design Award (see Appendix 3) can be equivalent to publishing one paper in EI journals (included in EI), at most once.

2. Open Access Journal shall be recognized by Evaluation Subcommittee on Academic Degree in Mechanical Engineering.

### Appendix 3: Catalogue of International Top Industrial Design Awards

|  |  |  |
| --- | --- | --- |
| No. | Title | Founder |
| 1 | iF Design Talent Award | Hanover Industrial Design Forum, Germany |
| 2 | Red Dot Award | Design Zentrum Nordrhein Westfalen |
| 3 | Idea (International Design Excellence Awards) | Business Week |
| 4 | Good Design Award | Japan Industrial Design Promotion Organization |

# III. Evaluation Subcommittee on Academic Degree in Power Engineering, Engineering Thermophysics, Environmental Science and Engineering

Doctoral candidates of these disciplines applying for academic degrees shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's Achievement Assessment Scheme.

# IV. Evaluation Subcommittee on Academic Degree in Information and Communication Engineering

One of the following conditions must be met for the doctoral candidate in this discipline:

1. Publish two academic papers in SCIE/SSCI journals, of which at least one paper is published in Q1/ Q2 journals on designated disciplines in the JCR Quartile.

2. Publish academic papers in SCIE/SSCI journals, two of which are included in SCIE/SSCI), as well as obtain one national invention patent or one scientific research award (second-class or above) at provincial and ministerial level (the applicant is the main contributor and has individual certificate of award).

3. Publish three academic papers in SCIE/SSCI journals, all of which are included in SCIE/SSCI.

4. Publish academic papers, two of which are included in SCIE/SSCI journals, and one published academic paper included in EI journals. Besides, publish another academic paper in the core class A Chinese - language publications listed below (See Appendix 4).

### Appendix 4: Catalogue of Core Class a Chinese Publications recognized by Information and Communication Engineering

|  |  |  |
| --- | --- | --- |
| No. | Journal Name | ISSN number |
| 1 | SCIENCE CHINA |  |
| 2 | Acta Physica Sinica | 1000-3290 |
| 3 | Chinese Journal of Electronics (Chinese and English version) | 0372-2112 |
| 4 | Journal on Communications | 1000-436X |
| 5 | Acta Acustica | 0371-0025 |
| 6 | Chinese Journal of Radio Science | 1005-0388 |
| 7 | Journal of Image and Graphics | 1006-8961 |
| 8 | Chinese Journal of Computers | 0254-4164 |
| 9 | Journal of Infrared and Millimeter Waves | 1001-9014 |
| 10 | Journal of Microwaves | 1005-6122 |
| 11 | Signal Processing | 1003-0530 |
| 12 | Journal of Electronic Measurement and Instrument | 1000-7105 |
| 13 | Journal of Semiconductors | 1674-4926 |
| 14 | Journal of Electronics and Information Technology | 1009-5896 |
| 15 | Journal of Software | 1000-9825 |
| 16 | Chinese High Technology Letters | 1002-0470 |
| 17 | Journal of Cryptologic Research | 2095-7025 |
| 18 | Journal of Cyber Security | 2096-1146 |
| 19 | Chinese Journal of Network and Information Security | 2096-109X |

# V. Evaluation Subcommittee on Academic Degree in Civil Engineering and Mechanics

**Doctoral candidates applying for academic degrees in Solid Mechanics, Engineering mechanics, Civil Engineering, Municipal Engineering and Civil Engineering (Civil Engineering Construction and Management)** shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's *Achievement Assessment Scheme*.

**Doctoral candidates applying for academic degrees in Management Science and Engineering** shall be evaluated by the standards of Economics and Management disciplines in the school's *Achievement Assessment Scheme*.

# VI. Evaluation Subcommittee on Academic Degree in Electronic Science and Technology and Optical Engineering

Doctoral candidates applying for academic degrees of these disciplines shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's *Achievement Assessment Scheme*.

Publishing academic papers included in IEDM and ISSC (international conferences) can be equivalent to publishing papers in Q1 journals of the JCR Quartile; publishing academic papers included in CLEO, SID, IEEEIVEC, IEEEMEMS (international conferences) can be equivalent to publishing journal articles in Q2 journals of the JCR Quartile. The above equivalence can only be used once at most.

Notes:

|  |  |
| --- | --- |
|  | IEDM：IEEE International Electron Devices Meeting  ISSCC：IEEE International Solid-State Circuits Conference CLEO：The Conference on Lasers and Electro Optics SID：The Society for Information Display  IEEEIVEC：IEEE International Vacuum Electronics Conference  IEEEMEMS：IEEE International Conference on Micro Electro Mechanical System |

# VII. Evaluation Subcommittee on Academic Degree in Mathematics and Physics

**Doctoral candidates applying for academic degrees in the School of Physics** shall be evualuated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's *Achievement Assessment Scheme*. In terms of the published academic papers, the School of Physics of Southeast University must be as the first author affiliation and the graduate student himself/herself as the first author.

**Doctoral candidates applying for academic degrees in the School of Mathematics** shall be evualuated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture, and Biology) in the school's *Achievement Assessment Scheme*.

# VIII. Evaluation Subcommittee on Academic Degree in Control Science and Engineering

Doctoral candidates applying for academic degrees in this discipline shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's *Achievement Assessment Scheme*.

# IX. Evaluation Subcommittee on Academic Degree in Computer Science-and-Technology and Software Engineering

One of the following conditions must be met for the doctoral candidate of these disciplines:

1. Publish two papers in SCIE/SSCI journals, of which at least one paper is published in Q1/ Q2 journals on this discipline in the JCR Quartile.

2. Publish two academic papers, one of which is the Class A periodical (conference) paper of CCF, the other is the category C periodical (conference) paper of CCF or the domestic Class A journal papers of Computer.

3. Publish three academic papers, one of which is the Class B periodical (conference) paper of CCF, and the other two are the Class C periodical (conference) papers of CCF or the domestic Class A periodical papers of Computer.

4. Publish four academic papers, two of which are greater than Class C periodicals (conferences) of CCF, and the other two are the domestic Class A periodical papers of Computer.

Conference refers to Main Conference; Conference Papers refers to Full Paper or Regular Paper; other forms of papers such as Short Paper, Demo Paper, Technical Brief, Poster are not included. CCF refers to China Computer Federation When new editions of CCF catalogues of journal and conference are published, the assessment is based on the catalogue version at the time of publication or the latest catalogue version.

### Appendix 5: Catalogue of A-Level Domestic Computer Journals

|  |  |  |
| --- | --- | --- |
| **No.** | **Journal Name** | ISSN number |
| 1 | Chinese Science (Series F) | 1674-7267 |
| 2 | Chinese Science Bulletin | 0023-074X |
| 3 | Chinese Journal of Computers | 0254-4164 |
| 4 | Journal of Software | 1000-9825 |
| 5 | Journal of Computer Research and Development | 1000-1239 |
| 6 | Journal of Electronic Science (Chinese and English Edition) | 0372-2112 |
| 7 | Journal on Communications | 1000-436X |
| 8 | Acta Automatica Sinica | 0254-4156 |

# X. Evaluation Subcommittee on Academic Degree in Biomedical Engineering

One of the following conditions must be met for the doctoral candidate in this discipline:

2. Publish three papers in SCIE/SSCI/EI/CSCD (core) journals and papers in EI journals must be included in EI, of which at least two papers are included in SCIE/SSCI.

3. Publish an academic paper (review is not included) on SCI journals with an impact factor ≥10.0.

# Ⅺ. Evaluation Subcommittee on Academic Degree in Materials Science and Engineering, Chemical Engineering and Technology and Chemistry

One of the following conditions must be met for the doctoral candidate in **Material Science and Engineering**: 1. Publish at least two papers in SCI journals, of which at least one paper is published in Q1/ Q2 journals on designated disciplines related to Material Science and Engineering or Cilvil Engineering in the JCR Quartile is published with an impact factor ≥4.0.

2. Publish three papers in SCIE/SSCI/EI/CSCD (core) journals and papers in EI journals must be included in EI, of which at least two papers are included in SCIE/SSCI.

3. Publish academic papers in SCI journals, two of which are included in SCI, as well as obtain one invention patent authorized by nation or one scientific research award (second-class or above) at provincial and ministerial level (the applicant is the main contributor and has individual certificate of award).

**Doctoral candidates applying for academic degrees in Chemical Engineering-and-Technology and Chemistry** shall be evaluated by the standards of Science and Engineering disciplines (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's Achievement Assessment Scheme. Besides, each doctoral candidate must apply for one national invention patent and meet one of the following conditions:

1. Publish three academic papers in SCI (at least one journal article published in Q1/ Q2 journals in the JCR Quartile).

2. Publish two academic papers in SCI (Q1/ Q2 journals in the JCR Quartile) and two in Journal of Chemical Industry.

3. Publish academic papers in SCI journals, two of which were included in SCI. Besides, publish two academic papers in Journal of Chemical Industry and obtain one national invention patent.

4. Publish academic papers in SCI journals, two of which are included in SCI. Besides, publish academic papers in Journal of Chemical Industry and Engineering and obtain one scientific research award (second-class or above) at provincial and ministerial level (the applicant is the main contributor and has individual certificate of award).

Publish three or more academic papers as the first author in SCI journals, and cumulative impact factor of the published papers was greater than 7.0; or publish two papers as the first author in SCI journals, one of which is published in top journals in the chemical industry, including AIChE Journal, Chemical Engineering Science, Industrial & Engineering Chemistry Research, and Chemical Engineering Journal; or publish an academic paper in a journal with an impact factor over 10.0.

**For doctoral candidates in Chemical Engineering-and-technology and Chemistry** publishing academic papers as the first author in Chinese Science (Series B), Chemical Journal of Chinese Universities, Chinese Journal of Inorganic Chemistry, Acta Physico-Chimica Sinica and Acta Chimica Sinica, can be equivalent to publishing journal articles in Q2 journals of JCR Quartile.

# Ⅻ. Evaluation Subcommittee on Academic Degree in Philosophy, Law, Chinese Language-and-Literature and Psychology

Doctoral candidates applying for academic degrees of these disciplines shall be evaluated by the standards of Philosophy and Law in the school's *Achievement Assessment Scheme*.

# XIII. Evaluation Subcommittee on Academic Degree in Art Theory, Art and Design

Doctoral candidates applying for academic degree of these disciplines shall be evaluated by the standards of Art in the school's *Achievement Assessment Scheme*.

# XIV. Evaluation Subcommittee on Academic Degree in Economics and Management

Doctoral candidates applying for academic degrees of these disciplines shall be evaluated by the standards of Economics and Management in the school's *Achievement Assessment Scheme*.

# XV. Evaluation Subcommittee on Academic Degree in Electrical Engineering

Doctoral candidates applying for academic degrees in this discipline shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture and Biology) in the school's *Achievement Assessment Scheme*.

# XVI. Disciplinary and Academic Degree Evaluation Subcommittee for Transportation Engineering, Surveying and Mapping, and Hydraulic Engineering

Doctoral candidates applying for academic degrees of these disciplines shall be evaluated by the standards of Science and Engineering (apart from Architecture, Urban and Rural Planning, Landscape Architecture, and Biology) in the school's *Achievement Assessment Scheme*.

# XVII. Evaluation Subcommittee on Academic Degree in Instrument Science and Technology

One of the following conditions must be met for the doctoral candidate in this discipline：

1. Publish two papers in SCIE/SSCI journals, of which at least one paper is published in the Q1/Q2 journals on this discipline in the JCR Quartile.

2. Publish three papers in SCIE/SSCI/EI/CSCD (core) journals (papers in EI journals must be included in EI), of which at least two papers are included in SCIE/SSCI.

3. Publish academic papers in SCIE/SSCI journals, two of which are included in SCIE/SSCI, as well as obtain one national invention patent or one scientific research award (second-class or above) at provincial and ministerial level (the applicant is the main contributor and has individual certificate of award).

# XVIII. Evaluation Subcommittee on Academic Degree in Medicine and Biology

**Doctoral candidates applying for academic degrees in Medicine** shall be evaluated by the standards of Medicine in the school's *Achievement Assessment Scheme*.

**Doctoral candidates applying for academic degrees in Biology** shall be evaluated by the standards of Biology in the school's *Achievement Assessment Scheme* Journals in the field of Biology including Nature Index are listed in Appendix 6.

### Appendix 6: Catalogue of Biological Journals in Nature Index

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Journal Name | ISSN number | Notes |
| 1 | Nature | 0028-0836 | Comprehensive Journal |
| 2 | Science | 0036-8075 |
| 3 | Nature Communication | 2041-1723 |
| 4 | PNAS | 0027-8424 |
| 5 | Nature Biotechnology | 1087-0156 | Life Science |
| 6 | Cell | 0092-8674 | Life Science |
| 7 | Nature Genetics | 1061-4036 | Life Science |
| 8 | Nature Medicine | 1078-8956 | Life Science |
| 9 | Nature Methods | 1548-7091 | Life Science |
| 10 | Nature Immunology | 1529-2908 | Life Science |
| 11 | Cancer Cell | 1535-6108 | Life Science |
| 12 | Cell Stem Cell | 1934-5909 | Life Science |
| 13 | Nature Cell Biology | 1465-7392 | Life Science |
| 14 | Immunity | 1074-7613 | Life Science |
| 15 | Cell Metabolism | 1550-4131 | Life Science |
| 16 | Neuron | 0896-6273 | Life Science |
| 17 | Nature Neuroscience | 1097-6256 | Life Science |
| 18 | Molecular Cell | 1097-2765 | Life Science |
| 19 | Genome Research | 1088-9051 | Life Science |
| 20 | Journal of Clinical Investigation | 0021-9738 | Life Science |
| 21 | Nature Chemical Biology | 1552-4450 | Life Science |
| 22 | Genes ＆Development | 0890-9369 | Life Science |
| 23 | Cell Host ＆Microbe | 1931-3128 | Life Science |
| 24 | PLOS Biology | 1545-7885 | Life Science |
| 25 | Nature Geoscience | 1752-0894 | Life Science |
| 26 | Nature Structural ＆Molecular Biology | 1545-9993 | Life Science |
| 27 | American Journal of Human Genetics | 0002-9297 | Life Science |
| 28 | The EMBO Journal | 0261-4189 | Life Science |
| 29 | Developmental Cell | 1534-5807 | Life Science |
| 30 | Current Biology | 0960-9822 | Life Science |
| 31 | Journal of Cell Biology | 0021-9525 | Life Science |
| 32 | Journal of Neuroscience | 0270-6474 | Life Science |
| 33 | Journal of Cell g of the Royal Society B | [1364-5021](https://www.worldcat.org/issn/1364-5021) | Life Science |
| 34 | Journal of biological Chemistry | 0021-9258 | Life Science |

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