

Su Seong Lee

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3817045/su-seong-lee-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

6,265
citations

32
h-index

78
g-index

107
ext. papers

6,721
ext. citations

5.3
avg, IF

5.54
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 93 | On the detection of surface spin freezing in iron oxide nanoparticles and its long-term evolution under ambient oxidation. <i>Nanotechnology</i> , 2021 , 32, 065704 | 3.4 | 6 |
| 92 | Size effects on the magnetic behavior of Fe ₂ O ₃ core/SiO ₂ shell nanoparticle assemblies. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 522, 167570 | 2.8 | 4 |
| 91 | Simultaneous Individual and Dipolar Collective Properties in Binary Assemblies of Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2020 , 32, 969-981 | 9.6 | 13 |
| 90 | Peptide-Peptide Co-Assembly: A Design Strategy for Functional Detection of C-peptide, A Biomarker of Diabetic Neuropathy. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 5 |
| 89 | Controlled synthesis of transition metal disulfides (MoS ₂ and WS ₂) on carbon fibers: Effects of phase and morphology toward lithium-sulfur battery performance. <i>Applied Materials Today</i> , 2019 , 16, 529-537 | 6.6 | 27 |
| 88 | Directing GDNF-mediated neuronal signaling with proactively programmable cell-surface saccharide-free glycosaminoglycan mimetics. <i>Chemical Communications</i> , 2019 , 55, 1259-1262 | 5.8 | |
| 87 | Molecular Swings as Highly Active Ion Transporters. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8034-8038 | 16.4 | 20 |
| 86 | Engineered nanomedicines with enhanced tumor penetration. <i>Nano Today</i> , 2019 , 29, 100800 | 17.9 | 209 |
| 85 | Facile saccharide-free mimetics that recapitulate key features of glycosaminoglycan sulfation patterns. <i>Chemical Science</i> , 2018 , 9, 7940-7947 | 9.4 | 8 |
| 84 | A Review of Resveratrol as a Potent Chemoprotective and Synergistic Agent in Cancer Chemotherapy. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1534 | 5.6 | 74 |
| 83 | The interplay between single particle anisotropy and interparticle interactions in ensembles of magnetic nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 28634-28643 | 3.6 | 36 |
| 82 | Remanence Plots as a Probe of Spin Disorder in Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2017 , 29, 8258-8268 | 9.6 | 45 |
| 81 | Magnetic properties of nanoparticle compacts with controlled broadening of the particle size distribution. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 7 |
| 80 | A Versatile Microarray Immobilization Strategy Based on a Biorthogonal Reaction Between Tetrazine and Trans-Cyclooctene. <i>Methods in Molecular Biology</i> , 2017 , 1518, 67-80 | 1.4 | 2 |
| 79 | Recent Advances in Synthesis and Identification of Cyclic Peptides for Bioapplications. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 2302-2318 | 3 | 19 |
| 78 | Integration of Novel Materials and Advanced Genomic Technologies into New Vaccine Design. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 2286-2301 | 3 | 6 |
| 77 | Effects of the individual particle relaxation time on superspin glass dynamics. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 10 |

| | | | |
|----|---|------|----|
| 76 | An efficient strategy to enhance binding affinity and specificity of a known isozyme inhibitor. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6833-9 | 3.9 | 7 |
| 75 | Target identification of natural and traditional medicines with quantitative chemical proteomics approaches. <i>Pharmacology & Therapeutics</i> , 2016 , 162, 10-22 | 13.9 | 76 |
| 74 | Targeted intracellular protein delivery based on hyaluronic acid-green tea catechin nanogels. <i>Acta Biomaterialia</i> , 2016 , 33, 142-52 | 10.8 | 59 |
| 73 | High-Throughput Screening of Substrate Specificity for Protein Tyrosine Phosphatases (PTPs) on Phosphopeptide Microarrays. <i>Methods in Molecular Biology</i> , 2016 , 1368, 181-96 | 1.4 | 12 |
| 72 | Recyclable Photo-Thermal Nano-Aggregates of Magnetic Nanoparticle Conjugated Gold Nanorods for Effective Pathogenic Bacteria Lysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 555-61 | 1.3 | 7 |
| 71 | Organic Chemistry Tool for Nanoparticles Monofunctionalization and Their Biomedical Applications. <i>Current Organic Chemistry</i> , 2016 , 20, 1786-1796 | 1.7 | 6 |
| 70 | Targeted Delivery of Bleomycin: A Comprehensive Anticancer Review. <i>Current Cancer Drug Targets</i> , 2016 , 16, 509-21 | 2.8 | 45 |
| 69 | Demagnetization effects in dense nanoparticle assemblies. <i>Applied Physics Letters</i> , 2016 , 109, 152404 | 3.4 | 14 |
| 68 | Particle size-dependent superspin glass behavior in random compacts of monodisperse maghemite nanoparticles. <i>Materials Research Express</i> , 2016 , 3, 045015 | 1.7 | 6 |
| 67 | Highly Active and Selective Zr/MCF Catalyst for Production of 1,3-Butadiene from Ethanol in a Dual Fixed Bed Reactor System. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4887-4894 | 8.3 | 42 |
| 66 | Tailored chondroitin sulfate glycomimetics a tunable multivalent scaffold for potentiating NGF/TrkA-induced neurogenesis. <i>Chemical Science</i> , 2015 , 6, 450-456 | 9.4 | 24 |
| 65 | Synthesis and bioactivity of a conjugate composed of green tea catechins and hyaluronic acid. <i>Polymer Chemistry</i> , 2015 , 6, 4462-4472 | 4.9 | 26 |
| 64 | The rational design of a peptide-based hydrogel responsive to H ₂ S. <i>Chemical Communications</i> , 2015 , 51, 17273-6 | 5.8 | 35 |
| 63 | Elucidating pH-dependent collagen triple helix formation through interstrand hydroxyproline-glutamic acid interactions. <i>ChemBioChem</i> , 2015 , 16, 407-10 | 3.8 | 4 |
| 62 | Self-Assembling Peptide Nanofibrous Hydrogel as a Versatile Drug Delivery Platform. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4342-54 | 3.3 | 99 |
| 61 | Size-dependent surface effects in maghemite nanoparticles and its impact on interparticle interactions in dense assemblies. <i>Nanotechnology</i> , 2015 , 26, 475703 | 3.4 | 26 |
| 60 | Role of grafted alkoxybenzylidene ligand in silica-supported Hoveyda-Grubbs-type catalysts. <i>Chemical Communications</i> , 2015 , 51, 1042-5 | 5.8 | 3 |
| 59 | Effects of incorporation of azido moieties into the hydrophobic core of coiled coil peptides. <i>Chemical Communications</i> , 2015 , 51, 3793-6 | 5.8 | 1 |

| | | | |
|----|--|------|----|
| 58 | Analogue of Melanotan II (MTII): A Novel Melanotropin with Superpotent Action on Frog Skin. <i>Protein and Peptide Letters</i> , 2015 , 22, 762-6 | 1.9 | 10 |
| 57 | Enzymatic conjugation of a bioactive peptide into an injectable hyaluronic acid-tyramine hydrogel system to promote the formation of functional vasculature. <i>Acta Biomaterialia</i> , 2014 , 10, 2539-50 | 10.8 | 38 |
| 56 | Surface Effects Under Visible Irradiation and Heat Treatment on the Phase Stability of Fe ₂ O ₃ Nanoparticles and Fe ₂ O ₃ BiO ₂ Core-Shell Nanostructures. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 2857-2866 | 3.8 | 21 |
| 55 | Magnetic, optical gold nanorods for recyclable photothermal ablation of bacteria. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 981-988 | 7.3 | 42 |
| 54 | MCF-supported boronic acids as efficient catalysts for direct amide condensation of carboxylic acids and amines. <i>Chemical Communications</i> , 2014 , 50, 7017-9 | 5.8 | 26 |
| 53 | Ideal superspin glass behaviour in a random-close-packed ensemble of maghemite nanoparticles. <i>Journal of Physics: Conference Series</i> , 2014 , 521, 012011 | 0.3 | 2 |
| 52 | Super spin dimensionality of a mono-dispersed and densely packed magnetic nanoparticle system. <i>Journal of Physics: Conference Series</i> , 2014 , 521, 012012 | 0.3 | 1 |
| 51 | Investigating fluorescent dyes in fluorescence-assisted screenings. <i>Chemical Communications</i> , 2014 , 50, 15220-3 | 5.8 | 4 |
| 50 | Ageing dynamics of a superspin glass. <i>Europhysics Letters</i> , 2014 , 108, 17004 | 1.6 | 7 |
| 49 | Combinatorial bead-based peptide libraries improved for rapid and robust screenings. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014 , 17, 520-30 | 1.3 | 3 |
| 48 | In situ click chemistry: from small molecule discovery to synthetic antibodies. <i>Integrative Biology (United Kingdom)</i> , 2013 , 5, 87-95 | 3.7 | 29 |
| 47 | Highly selective macrocycle formations by metathesis catalysts fixated in nanopores. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3048-56 | 4.2 | 25 |
| 46 | Controlled Close-Packing of Ferrimagnetic Nanoparticles: An Assessment of the Role of Interparticle Superexchange Versus Dipolar Interactions. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10213-10219 | 3.8 | 56 |
| 45 | A nanoparticle replica of the spin-glass state. <i>Applied Physics Letters</i> , 2013 , 102, 183104 | 3.4 | 60 |
| 44 | Phase transition in a super superspin glass. <i>Europhysics Letters</i> , 2013 , 102, 67002 | 1.6 | 15 |
| 43 | Magnetic nanoparticles entrapped in siliceous mesocellular foam: a new catalyst support. <i>Chemistry - A European Journal</i> , 2012 , 18, 7394-403 | 4.8 | 25 |
| 42 | Process automation toward ultra-high-throughput screening of combinatorial one-bead-one-compound (OBOC) peptide libraries. <i>Journal of the Association for Laboratory Automation</i> , 2012 , 17, 186-200 | | 14 |
| 41 | Iterative in situ click chemistry assembles a branched capture agent and allosteric inhibitor for Akt1. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18280-8 | 16.4 | 44 |

| | | | |
|----|---|-----|-----|
| 40 | Accurate MALDI-TOF/TOF sequencing of one-bead-one-compound peptide libraries with application to the identification of multiligand protein affinity agents using in situ click chemistry screening. <i>Analytical Chemistry</i> , 2010 , 82, 672-9 | 7.8 | 21 |
| 39 | Mesoporous silica-supported catalysts for metathesis: application to a circulating flow reactor. <i>Chemical Communications</i> , 2010 , 46, 806-8 | 5.8 | 63 |
| 38 | Siliceous mesocellular foam for high-performance liquid chromatography: Effect of morphology and pore structure. <i>Journal of Chromatography A</i> , 2010 , 1217, 4337-43 | 4.5 | 23 |
| 37 | Interparticle interactions in magnetic core/shell nanoarchitectures. <i>Physical Review B</i> , 2009 , 80, | 3.3 | 54 |
| 36 | Silica-supported catalysts for ring-closing metathesis: effects of linker group and microenvironment on recyclability. <i>Chemical Communications</i> , 2008 , 4312-4 | 5.8 | 28 |
| 35 | Reverse microemulsion-mediated synthesis of silica-coated gold and silver nanoparticles. <i>Langmuir</i> , 2008 , 24, 5842-8 | 4 | 162 |
| 34 | Rapid microwave-assisted CNBr cleavage of bead-bound peptides. <i>ACS Combinatorial Science</i> , 2008 , 10, 807-9 | | 13 |
| 33 | Palladium nanoclusters supported on propylurea-modified siliceous mesocellular foam for coupling and hydrogenation reactions. <i>Chemistry - A European Journal</i> , 2008 , 14, 3118-25 | 4.8 | 108 |
| 32 | Siliceous Mesocellular Foam-Supported Aza(bisoxazoline)-Copper Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 1295-1308 | 5.6 | 46 |
| 31 | Spherical Siliceous Mesocellular Foam Particles for High-Speed Size Exclusion Chromatography. <i>Chemistry of Materials</i> , 2007 , 19, 2292-2298 | 9.6 | 123 |
| 30 | Spherical siliceous mesocellular foam particles for high-speed size exclusion chromatography. <i>Studies in Surface Science and Catalysis</i> , 2007 , 829-832 | 1.8 | 5 |
| 29 | Mesocellular Foam-Supported Catalysts: Enhanced Activity and Recyclability for Ring-Closing Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 1066-1076 | 5.6 | 28 |
| 28 | Siliceous mesocellular foam-supported chiral bisoxazoline: Application to asymmetric cyclopropanation. <i>Journal of Molecular Catalysis A</i> , 2006 , 256, 219-224 | | 31 |
| 27 | Enantioselective Catalysis over Chiral Imidazolidin-4-one Immobilized on Siliceous and Polymer-Coated Mesocellular Foams. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2027-2032 | 5.6 | 96 |
| 26 | Improved Enantioselectivity of Immobilized Chiral Bisoxazolines by Partial Precapping of the Siliceous Mesocellular Foam Support with Trimethylsilyl Groups. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1248-1254 | 5.6 | 39 |
| 25 | Nanoparticle Architectures Templated by SiO ₂ /Fe ₂ O ₃ Nanocomposites. <i>Chemistry of Materials</i> , 2006 , 18, 614-619 | 9.6 | 344 |
| 24 | Pressure-Driven Enzyme Entrapment in Siliceous Mesocellular Foam. <i>Chemistry of Materials</i> , 2006 , 18, 643-649 | 9.6 | 137 |
| 23 | Synthesis and Applications of Magnetic Nanocomposite Catalysts. <i>Chemistry of Materials</i> , 2006 , 18, 2459-2461 | 9.6 | 332 |

| | | | |
|----|---|------|------|
| 22 | Effect of surface modification on the reactivity of MCF-supported IndaBOX. <i>Chemical Communications</i> , 2005 , 3577-9 | 5.8 | 31 |
| 21 | Silica-coated nanocomposites of magnetic nanoparticles and quantum dots. <i>Journal of the American Chemical Society</i> , 2005 , 127, 4990-1 | 16.4 | 757 |
| 20 | Synthesis of Highly Crystalline and Monodisperse Cobalt Ferrite Nanocrystals. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 6831-6833 | 3.4 | 264 |
| 19 | Synthesis of highly crystalline and monodisperse maghemite nanocrystallites without a size-selection process. <i>Journal of the American Chemical Society</i> , 2001 , 123, 12798-801 | 16.4 | 1764 |
| 18 | Colloidal cobalt nanoparticles: a highly active and reusable Pauson-Khand catalyst. <i>Chemical Communications</i> , 2001 , 2212-2213 | 5.8 | 97 |
| 17 | Hydrogenation of (1-phenylthiophene)Mn(CO) ₃ (thiophene=3-methylthiophene and 3,4-dimethylthiophene) complexes: formation of tetrakis(tricarbonyl-phenylthiomanganese). <i>Journal of Organometallic Chemistry</i> , 1999 , 579, 385-390 | 2.3 | 12 |
| 16 | Synthesis of (ferrocenyl-indenyl)cyclopentadienyliron compounds with and without a bridging group via a CpFe transfer reaction. <i>Inorganica Chimica Acta</i> , 1999 , 286, 215-220 | 2.7 | 13 |
| 15 | Synthesis of manganese tricarbonyl cationic complexes of ferrocenyl substituted arenes via a manganese tricarbonyl cation transfer reaction. <i>Inorganica Chimica Acta</i> , 1998 , 281, 229-234 | 2.7 | 8 |
| 14 | Preparation and properties of ferrocenyl bimetallic compounds for non-linear optics. <i>Inorganica Chimica Acta</i> , 1998 , 279, 243-248 | 2.7 | 10 |
| 13 | Models for the Homogeneous Hydrodesulfurization of Thiophenes: Manganese-Mediated Carbon-Sulfur Bond Cleavage and Hydrogenation Reactions. <i>Organometallics</i> , 1997 , 16, 5688-5695 | 3.8 | 36 |
| 12 | Manganese Thiophene Tricarbonyl Complexes: Nucleophilic Addition to Sulfur and Synthesis of Thiophenium Salts. <i>Organometallics</i> , 1997 , 16, 1749-1756 | 3.8 | 16 |
| 11 | Synthesis of Dimanganese Complexes from the Reduction of Cationic Tricarbonylmanganese Styrene Derivatives. <i>Journal of the American Chemical Society</i> , 1997 , 119, 7711-7715 | 16.4 | 8 |
| 10 | Convenient Synthesis of Mixed Ferrocenes. <i>Organometallics</i> , 1997 , 16, 304-306 | 3.8 | 19 |
| 9 | Synthesis and structure of new diarene-bridged bi- and polymetallic compounds. <i>Inorganica Chimica Acta</i> , 1997 , 261, 37-44 | 2.7 | 15 |
| 8 | Nucleophilic addition reactions of [(polyarene)Mn(CO) ₃] ⁺ complexes containing naphthalene type ligands. <i>Inorganica Chimica Acta</i> , 1997 , 262, 213-217 | 2.7 | 17 |
| 7 | Preparation and Reactivity of [(β -CH ₃ - β -2-sil-C ₆ H ₄)Fe(CO) ₃]BF ₄ (sil = Si(OCH ₂ CH ₂) ₃ N). <i>Organometallics</i> , 1996 , 15, 5428-5431 | 3.8 | 5 |
| 6 | Preparation of Chromium-Manganese Diarene Heterobimetallic Complexes Using a Mn(CO) ₃ ⁺ Transfer Reaction. <i>Organometallics</i> , 1996 , 15, 3664-3669 | 3.8 | 21 |
| 5 | Synthesis and reactivity of the (benzothiophene)tricarbonylmanganese cation. <i>Inorganica Chimica Acta</i> , 1996 , 253, 39-45 | 2.7 | 10 |

| | | | |
|---|--|-----|----|
| 4 | Reactivity of [(1,2,3,4-tetrahydronaphthalene)Mn(CO) ₃]PF ₆ : molecular structure of [(1,2,3,4-tetrahydronaphthalene)Mn(CO) ₂ (C(O)Me)]. <i>Journal of Organometallic Chemistry</i> , 1995 , 486, 141-145 | 2.3 | 6 |
| 3 | (.eta.6-Polyarene)Mn(CO) ₃ ⁺ Complexes as Manganese Tricarbonyl Transfer Reagents. A Convenient and General Synthetic Route to (arene)Mn(CO) ₃ ⁺ Complexes. <i>Organometallics</i> , 1995 , 14, 2613-2615 | 3.8 | 73 |
| 2 | Synthesis and electrophilic reactivity of [{B-1-N(CH ₂ CH ₂ O) ₃ Si-6-Me-C ₆ H ₅ }Mn(CO) ₂ NO]BF ₄ . <i>Journal of Organometallic Chemistry</i> , 1994 , 483, 115-122 | 2.3 | 7 |
| 1 | Preparation and reactivity of tricarbonyl(.eta.-silatranylarene)manganese cations bearing functional substrates. <i>Organometallics</i> , 1993 , 12, 4640-4645 | 3.8 | 16 |