

Koji Fushimi

List of Publications by Year in descending order

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200
papers

3,923
citations

101384

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174990

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208
all docs

208
docs citations

208
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Tribo-excited Chemical Reaction Using Eu(III) Complex with Stacked Anthracene Frameworks. Chemistry - A European Journal, 2022, , .	1.7	1
2	Tribo-excited Chemical Reaction Using an Eu(III) Complex with a Stacked Anthracene Framework. Chemistry - A European Journal, 2022, 28, e202200593.	1.7	2
3	Asymmetric Lumino-Transformer: Circularly Polarized Luminescence of Chiral Eu(III) Coordination Polymer with Phase-Transition Behavior. Journal of Physical Chemistry B, 2022, 126, 3799-3807.	1.2	5
4	Evaluation and Analytical Method for Hydrogen Embrittlement. Zairyo/Journal of the Society of Materials Science, Japan, 2022, 71, 548-552.	0.1	1
5	Preparation of photonic molecular trains via soft-crystal polymerization of lanthanide complexes. Nature Communications, 2022, 13, .	5.8	7
6	Effective Photosensitization in Excited-State Equilibrium: Brilliant Luminescence of Tb(III) Coordination Polymers Through Ancillary Ligand Modifications. ChemPlusChem, 2022, 87, .	1.3	3
7	Long-Range LMCT Coupling in Eu(III) Coordination Polymers for an Effective Molecular Luminescent Thermometer**. Chemistry - A European Journal, 2021, 27, 264-269.	1.7	31
8	First Tribo-excited Chemical Reaction of a Stacked Lanthanide Coordination Polymer with an in Situ Reaction Monitor. Chemistry - A European Journal, 2021, 27, 2279-2283.	1.7	10
9	Combinatorial Passivation Study in the Aluminium-Samarium System for Basic Property Mapping and Identification of Secondary Phase Influence. Journal of the Electrochemical Society, 2021, 168, 011503.	1.3	1
10	Long-lived emission beyond 1000 nm: control of excited-state dynamics in a dinuclear Tb(III)-Nd(III) complex. Chemical Communications, 2021, 57, 8047-8050.	2.2	5
11	Coordination Geometrical Effect on Ligand-to-Metal Charge Transfer-Dependent Energy Transfer Processes of Luminescent Eu(III) Complexes. Journal of Physical Chemistry A, 2021, 125, 209-217.	1.1	21
12	Thermo-sensitive Eu(III) Coordination Polymers with Amorphous Networks. ChemistrySelect, 2021, 6, 2812-2816.	0.7	5
13	Photolithographic Fabrication of a Micro-electrode Surface on a Carbon Steel Sheet for Local Hydrogen Permeation Measurements. ISIJ International, 2021, 61, 1112-1119.	0.6	3
14	Rapid Method to Measure Hydrogen Diffusion Coefficient in Metal Using a Multi-sine Wave Signal. ISIJ International, 2021, 61, 1064-1070.	0.6	1
15	Active-Passive Transition of an Fe-6 mass% Cr Surface in Acidic Sodium Sulfate Solutions Under a Laminar Flow Condition Evaluated by Ellipso-Microscopy and Channel Flow Electrode Method. Journal of the Electrochemical Society, 2021, 168, 051503.	1.3	4
16	Amide-bridged Eu(III) coordination polymer for stable luminescent glass material. Materials Letters, 2021, 297, 130012.	1.3	3
17	Hybrid Eu(III) Coordination Luminophore Standing on Two Legs on Silica Nanoparticles for Enhanced Luminescence. Chemistry - A European Journal, 2021, 27, 14438-14443.	1.7	3
18	Bright sky-blue fluorescence with high color purity: assembly of luminescent diphenyl-anthracene lutetium-based coordination polymer. RSC Advances, 2021, 11, 6604-6606.	1.7	6

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19	<i>In-situ</i> Observation of Corrosion Initiation Occurring on NaCl Nanoparticles-deposited Carbon Steel Surfaces. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2021, 107, 1011-1019.	0.1	0
20	Stacked nanocarbon photosensitizer for efficient blue light excited Eu(III) emission. Communications Chemistry, 2020, 3, .	2.0	19
21	Detailed Structural Analyses of Nanofibrillated Bacterial Cellulose and Its Application as Binder Material for a Display Device. Biomacromolecules, 2020, 21, 581-588.	2.6	9
22	Circularly Polarized Absorption and Luminescence of Semiconductor Eu@ZnO Nanocrystals in the Blue Region of the Electromagnetic Spectrum. ChemPhysChem, 2020, 21, 2019-2024.	1.0	5
23	An Europium(III) Luminophore with Pressure-Sensing Units: Effective Back Energy Transfer in Coordination Polymers with Hexadentate Porous Stable Networks. ChemPlusChem, 2020, 85, 1989-1993.	1.3	9
24	Chiral lanthanide lumino-glass for a circularly polarized light security device. Communications Chemistry, 2020, 3, .	2.0	45
25	Effect of intentional convection on the passivity of an Fe-Cr surface in pH 4.5 Na ₂ SO ₄ solution. Electrochimica Acta, 2020, 346, 136237.	2.6	2
26	The Role of f-Orbital Interactions in Eu(III) Complexes for an Effective Molecular Luminescent Thermometer. Inorganic Chemistry, 2020, 59, 5865-5871.	1.9	24
27	Electronic strain effect on Eu(III) complexes for enhanced circularly polarized luminescence. Dalton Transactions, 2020, 49, 5352-5361.	1.6	22
28	First demonstration of the f-orbital interaction depending on the coordination geometry in Eu(III) luminophores. Dalton Transactions, 2020, 49, 3098-3101.	1.6	8
29	First aggregation-induced emission of a Tb(III) luminophore based on modulation of ligand-ligand charge transfer bands. Dalton Transactions, 2020, 49, 2431-2436.	1.6	10
30	Aggregation-induced emission of a Eu(III) complex via ligand-to-metal charge transfer. Chemical Physics Letters, 2020, 749, 137437.	1.2	3
31	Near-IR Luminescent Yb(III) Coordination Polymers Composed of Pyrene Derivatives for Thermostable Oxygen Sensors. Chemistry - A European Journal, 2019, 25, 12308-12315.	1.7	20
32	Micro- and Nano-Scopic Aspects of Passive Surface on Pearlite Structure of Carbon Steel in pH 8.4 Boric Acid-Borate Buffer. Journal of the Electrochemical Society, 2019, 166, C3409-C3416.	1.3	6
33	Corrosion protection of epoxy coating with pH sensitive microcapsules encapsulating cerium nitrate. Corrosion Science, 2019, 148, 188-197.	3.0	47
34	Highly luminescent tetranuclear Eu(III) complex with characteristic cavity space. Inorganica Chimica Acta, 2019, 486, 240-244.	1.2	4
35	Hydrogen Permeation into a Carbon Steel Sheet Observed by a Micro-capillary Combined with a Devanathan-Stachurski Cell. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 2019, 105, 64-68.	0.1	1
36	A Liquid-phase Ion Gun Technique for Generating Sulfide Ions on Metal Surfaces. Zairyo To Kankyo/Corrosion Engineering, 2019, 68, 120-127.	0.0	0

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37	An Estimation Method of Metal-Ligand Orbital Mixing in Lanthanide(III) Complexes Using Magnetic Circular Dichroism. <i>ChemistrySelect</i> , 2018, 3, 2646-2648.	0.7	3
38	Effective Europium Coordination Luminophores Linked with Bi- and Tridentate Carbazole Phosphine Oxides for Organic Electroluminescent Devices. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9599-9605.	1.5	12
39	Thermosensitive Seven-Coordinate Tb(III) Complexes with LLCT Transitions. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2031-2037.	1.0	10
40	Synthesis and Photophysical Properties of Eu(III) Complexes with Phosphine Oxide Ligands including Metal Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 6-11.	2.0	9
41	Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 545-545.	1.0	0
42	A Luminescent Dinuclear Eu ^{III} /Tb ^{III} Complex with LMCT Band as a Single-Molecular Thermosensor. <i>Chemistry - A European Journal</i> , 2018, 24, 1956-1961.	1.7	38
43	Electrochemistry for Corrosion Fundamentals. <i>Springer Briefs in Molecular Science</i> , 2018, , .	0.1	7
44	Identification of Passive Films and Corrosion Products. <i>Springer Briefs in Molecular Science</i> , 2018, , 41-63.	0.1	0
45	Hydrogen Embrittlement and Hydrogen Absorption. <i>Springer Briefs in Molecular Science</i> , 2018, , 79-96.	0.1	1
46	Some microelectrochemical methods for the investigation of passivity and corrosion. <i>Corrosion Reviews</i> , 2018, 36, 3-15.	1.0	2
47	Origin of Concentration Quenching in Ytterbium Coordination Polymers: Phonon-Assisted Energy Transfer. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 561-567.	1.0	10
48	III. Advanced Electrochemical Methods for Corrosion Study 1/4 Scanning Electrochemical Microscopy 1/4 SECM 1/4 Zairyo To Kankyo/ <i>Corrosion Engineering</i> , 2018, 67, 109-114.	0.0	0
49	Structural Manipulation of Triboluminescent Lanthanide Coordination Polymers by Side-Group Alteration. <i>Inorganic Chemistry</i> , 2018, 57, 14653-14659.	1.9	22
50	Electronic chirality inversion of lanthanide complex induced by achiral molecules. <i>Scientific Reports</i> , 2018, 8, 16395.	1.6	22
51	Ligand-Assisted Back Energy Transfer in Luminescent Tb ^{III} Complexes for Thermosensing Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 17719-17726.	1.7	33
52	Time-Dependent Measurement of Hydrogen Penetration into Iron Sheets from a Borate Buffer Solution Using FFT Analysis. <i>Journal of the Electrochemical Society</i> , 2018, 165, C900-C906.	1.3	2
53	Asymmetric Color-Changeable Luminophore with Donor-Acceptor Donor Structure for Solvent and Temperature Sensitive Properties. <i>ChemistrySelect</i> , 2018, 3, 10905-10908.	0.7	1
54	Spiral Eu(^{scp} iii ^{scp}) coordination polymers with circularly polarized luminescence. <i>Chemical Communications</i> , 2018, 54, 10695-10697.	2.2	47

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55	A highly luminescent Eu(III) complex based on an electronically isolated aromatic ring system with ultralong lifetime. Dalton Transactions, 2018, 47, 7327-7332.	1.6	30
56	Liquid-Phase Ion Gun for Local Acidification of Na ₂ S Aqueous Solution and Local Sulfidation of Fe-Cr Alloy Surface. Journal of the Electrochemical Society, 2018, 165, C618-C623.	1.3	2
57	Spin-orbit coupling dependent energy transfer in luminescent nonanuclear Yb-Gd / Yb-Lu clusters. Journal of Luminescence, 2018, 201, 170-175.	1.5	8
58	On the Electropolishing Mechanism of Nickel Titanium in Methanolic Sulfuric acid - An Electrochemical Impedance Study. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800011.	0.8	7
59	Red Luminescent Eu(III) Coordination Bricks Excited on Blue LED Chip. Inorganic Chemistry, 2018, 57, 7097-7103.	1.9	17
60	Micro-electrochemical Approach for Corrosion Study. Springer Briefs in Molecular Science, 2018, , 97-116.	0.1	1
61	Electrochemical Fundamentals of Corrosion and Corrosion Protection. Springer Briefs in Molecular Science, 2018, , 1-15.	0.1	0
62	Electrochemical Measurement of Atmospheric Corrosion. Springer Briefs in Molecular Science, 2018, , 65-78.	0.1	0
63	In-situ Imaging of Anodizing Titanium Oxide Film. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2018, 69, 22-27.	0.1	0
64	Amorphous Formability and Temperature-Sensitive Luminescence of Lanthanide Coordination Glasses Linked by Thienyl, Naphthyl, and Phenyl Bridges with Ethynyl Groups. Bulletin of the Chemical Society of Japan, 2017, 90, 322-326.	2.0	10
65	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. Angewandte Chemie - International Edition, 2017, 56, 7171-7175.	7.2	54
66	Eu(III) Chiral Coordination Polymer with a Structural Transformation System. Inorganic Chemistry, 2017, 56, 5741-5747.	1.9	38
67	J-Type Heteroexciton Coupling Effect on an Asymmetric Donor-Acceptor-Donor-Type Fluorophore. Journal of Physical Chemistry A, 2017, 121, 4613-4618.	1.1	6
68	Triboluminescence of Lanthanide Coordination Polymers with Face-to-Face Arranged Substituents. Angewandte Chemie, 2017, 129, 7277-7281.	1.6	15
69	Solvent-dependent dual-luminescence properties of a europium complex with helical π -conjugated ligands. Photochemical and Photobiological Sciences, 2017, 16, 683-689.	1.6	9
70	Effective Photo- and Triboluminescent Europium(III) Coordination Polymers with Rigid Triangular Spacer Ligands. Chemistry - A European Journal, 2017, 23, 2666-2672.	1.7	26
71	Initiation of Localized Corrosion of Ferritic Stainless Steels by Using the Liquid-Phase Ion Gun Technique. Journal of the Electrochemical Society, 2017, 164, C1-C7.	1.3	9
72	Photosensitized Luminescence of Highly Thermostable Mononuclear Eu(III) Complexes with π -Expanded β -Diketonate Ligands. Bulletin of the Chemical Society of Japan, 2017, 90, 1287-1292.	2.0	16

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73	Enhanced Luminescence of Asymmetrical Seven-coordinate Eu ^{III} Complexes Including LMCT Perturbation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3843-3848.	1.0	53
74	Liquid-Phase Ion Gun Technique for Degradation and Evaluation of Oxide Films. <i>ECS Transactions</i> , 2017, 75, 3-8.	0.3	2
75	Hydrogen Permeation into a Carbon Steel Sheet Observed by a Micro-capillary Combined with a Devanathan-Stachurski Cell. <i>ISIJ International</i> , 2016, 56, 431-435.	0.6	11
76	Optical Characterization of Passive Oxides on Metals. <i>Electrochemistry</i> , 2016, 84, 826-832.	0.6	9
77	Molecular Design Guidelines for Large Magnetic Circular Dichroism Intensities in Lanthanide Complexes. <i>ChemPhysChem</i> , 2016, 17, 845-849.	1.0	16
78	Luminescent Thin Films Composed of Nanosized Europium Coordination Polymers on Glass Electrodes. <i>ChemPlusChem</i> , 2016, 81, 187-193.	1.3	14
79	Critical Role of Energy Transfer Between Terbium Ions for Suppression of Back Energy Transfer in Nonanuclear Terbium Clusters. <i>Scientific Reports</i> , 2016, 6, 37008.	1.6	37
80	Hyper-stable organo-Eu ^{III} luminophore under high temperature for photo-industrial application. <i>Scientific Reports</i> , 2016, 6, 24458.	1.6	25
81	The relationship between magneto-optical properties and molecular chirality. <i>NPG Asia Materials</i> , 2016, 8, e251-e251.	3.8	11
82	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12059-12062.	7.2	46
83	Passivation Behavior of Type-316L Stainless Steel in the Presence of Hydrogen Sulfide Ions Generated from a Local Anion Generating System. <i>Electrochimica Acta</i> , 2016, 220, 304-311.	2.6	29
84	Visible luminescent lanthanide ions and a large π -conjugated ligand system shake hands. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31012-31016.	1.3	11
85	Luminescent Europium(III) Coordination Zippers Linked with Thiophene-Based Bridges. <i>Angewandte Chemie</i> , 2016, 128, 12238-12241.	1.6	7
86	Heterogeneity of a Thermal Oxide Film Formed on Polycrystalline Iron Observed by Two-Dimensional Ellipsometry. <i>Journal of the Electrochemical Society</i> , 2016, 163, C815-C822.	1.3	4
87	Acid-protected Eu(^{III}) coordination nanoparticles covered with polystyrene. <i>Journal of Materials Chemistry C</i> , 2016, 4, 75-81.	2.7	8
88	Photoswitchable Faraday effect in Eu ^{III} -Au nanosystems. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 178-182.	0.8	2
89	Luminescent Eu(III) coordination polymer cross-linked with Zn(II) complexes. <i>Materials Letters</i> , 2016, 167, 183-187.	1.3	21
90	FEM Analysis for Sinusoidal Perturbation of Hydrogen Permeation into a Steel Sheet. <i>ISIJ International</i> , 2016, 56, 472-477.	0.6	3

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91	Ellipso-Microscopic Observation of Titanium Surface under UV-Light Irradiation. <i>Corrosion Science and Technology</i> , 2016, 15, 265-270.	0.2	1
92	Terbium Oxide, Fluoride, and Oxyfluoride Nanoparticles with Magneto-optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1453-1458.	2.0	7
93	Luminescent Silicon Nanoparticles Surface-Modified with Chiral Molecules. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2015, 28, 255-260.	0.1	2
94	Microelectrochemistry at Heat-tinted Zone of Stainless Steel Weldment. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2015, 64, 552-557.	0.0	3
95	GDOES Depth Profile Analysis of Interfacial Enrichment of Copper during Anodizing of Al-Cu Alloy. <i>Hyomen Cijutsu/Journal of the Surface Finishing Society of Japan</i> , 2015, 66, 670-672.	0.1	1
96	Thermostable Nano Luminophores Composed of Europium Ions and Organic Ligands. <i>E-Journal of Surface Science and Nanotechnology</i> , 2015, 13, 219-222.	0.1	3
97	Synthesis of TbO _x Nanoparticles from the Thermal Decomposition of Tb(III) Complexes. <i>E-Journal of Surface Science and Nanotechnology</i> , 2015, 13, 23-26.	0.1	1
98	Chiroptical Properties of Nonanuclear Tb(III) Clusters with Chiral Champfor Derivative Ligands. <i>E-Journal of Surface Science and Nanotechnology</i> , 2015, 13, 31-34.	0.1	5
99	Seven-coordinate Luminophores: Brilliant Luminescence of Lanthanide Complexes with C _{3v} Geometrical Structures. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4769-4774.	1.0	60
100	Synthesis and Photoluminescence Properties of Nonanuclear Tb(III) Clusters with Long Alkyl Chain Group. <i>E-Journal of Surface Science and Nanotechnology</i> , 2015, 13, 27-30.	0.1	2
101	Effective Photosensitized Energy Transfer of Nonanuclear Terbium Clusters Using Methyl Salicylate Derivatives. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1943-1947.	1.1	24
102	Titanium surface anodized under UV light irradiation observed by ellipso-microscopy. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3579-3587.	1.2	6
103	Development of a Liquid-Phase Ion Gun and Its Application for Sulfidation of Silver Surface. <i>Journal of the Electrochemical Society</i> , 2015, 162, C115-C120.	1.3	9
104	Thermostable Eu(III)-nanorod luminophores with effective photosensitized energy transfer. <i>Journal of Alloys and Compounds</i> , 2015, 648, 651-657.	2.8	11
105	Enhanced Electric Dipole Transition in Lanthanide Complex with Organometallic Ruthenocene Units. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4825-4833.	1.1	21
106	Luminescent Coordination Glass: Remarkable Morphological Strategy for Assembled Eu(III) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 4364-4370.	1.9	42
107	Effect of Hydrogen Sulfide Ions on the Passive Behavior of Type 316L Stainless Steel. <i>Journal of the Electrochemical Society</i> , 2015, 162, C685-C692.	1.3	41
108	Passivity of Dual-Phase Carbon Steel with Ferrite and Martensite Phases in pH 8.4 Boric Acid-Borate Buffer Solution. <i>Journal of the Electrochemical Society</i> , 2015, 162, C322-C326.	1.3	21

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109	Enhanced Light Storage of SrAl ₂ O ₄ Glass-Ceramics Controlled by Selective Europium Reduction. <i>Journal of the American Ceramic Society</i> , 2015, 98, 423-429.	1.9	26
110	Convection-Dependent Hydrogen Permeation into a Carbon Steel Sheet. <i>ECS Electrochemistry Letters</i> , 2014, 3, C21-C23.	1.9	9
111	Grain-Dependent Passivation of Iron in Sulfuric Acid Solution. <i>Journal of the Electrochemical Society</i> , 2014, 161, C594-C600.	1.3	32
112	Growth and Degradation of an Anodic Oxide Film on Titanium in Sulphuric Acid Observed by Ellipso-microscopy. <i>Electrochimica Acta</i> , 2014, 144, 56-63.	2.6	20
113	Corrosion behaviour of ferrite and austenite phases on super duplex stainless steel in a modified green-death solution. <i>Corrosion Science</i> , 2014, 89, 111-117.	3.0	88
114	Enhancement of Optical Faraday Effect of Nonanuclear Tb(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 7635-7641.	1.9	26
115	Thermo-sensitive luminescent materials composed of Tb(III) and Eu(III) complexes. <i>Materials Letters</i> , 2014, 130, 91-93.	1.3	37
116	Thermo-stable Lanthanoid Coordination Nanoparticles Composed of Luminescent Eu(III) Complexes and Organic Joint Ligands Using Micelle Techniques in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1386-1390.	2.0	7
117	EuS Nano-assemblies Linked with Photo-functional Naphthalenedithiols. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 579, 69-76.	0.4	5
118	Effect of Ligand Polarization on Asymmetric Structural Formation for Strongly Luminescent Lanthanide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5911-5918.	1.0	42
119	Novel opto-magnetic silicate glass with semiconductor EuS nanocrystals. <i>Journal of Alloys and Compounds</i> , 2013, 562, 123-127.	2.8	12
120	Effective Optical Faraday Rotations of Semiconductor EuS Nanocrystals with Paramagnetic Transition-Metal Ions. <i>Journal of the American Chemical Society</i> , 2013, 135, 2659-2666.	6.6	22
121	Microelectrode techniques for corrosion research of iron. <i>Electrochimica Acta</i> , 2013, 113, 741-747.	2.6	39
122	Chameleon Luminophore for Sensing Temperatures: Control of Metal-to-Metal and Energy Back Transfer in Lanthanide Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6413-6416.	7.2	313
123	Chameleon Luminophore for Sensing Temperatures: Control of Metal-to-Metal and Energy Back Transfer in Lanthanide Coordination Polymers. <i>Angewandte Chemie</i> , 2013, 125, 6541-6544.	1.6	42
124	Microelectrochemistry of dual-phase steel corroding in 0.1 M sulfuric acid. <i>Electrochimica Acta</i> , 2013, 114, 83-87.	2.6	28
125	Formation of Area and Thickness Controlled Porous Type Aluminum Anodic Oxide Films by Sf-MDC. <i>ECS Transactions</i> , 2013, 50, 255-262.	0.3	5
126	Enhanced Magneto-Optical Properties of Semiconductor EuS Nanocrystals Assisted by Surface Plasmon Resonance of Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 14438-14445.	1.7	14

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127	Effects of thickness and field strength of anodic oxide film on aluminum on its compressive rupture. Corrosion Reviews, 2012, 30, .	1.0	2
128	First Synthesis of EuS Nanoparticle Thin Film with a Wide Energy Gap and Giant Magneto-Optical Efficiency on a Glass Electrode. Journal of Physical Chemistry C, 2012, 116, 19590-19596.	1.5	20
129	Thermostable Organo-Phosphor: Low-Vibrational Coordination Polymers That Exhibit Different Intermolecular Interactions. ChemPlusChem, 2012, 77, 277-280.	1.3	58
130	Solvent-dependent luminescence of eight-coordinated Eu(III) complexes with bidentate phosphine oxide. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 235, 35-39.	2.0	21
131	In situ X-ray absorption spectroscopy for identification of lead species adsorbed on a nickel surface in acidic perchlorate solution. Journal of Electroanalytical Chemistry, 2012, 671, 7-15.	1.9	25
132	Investigation of Depassivation-repassivation Behavior of Metal Surfaces Using Micro-indentation Test. Zairyo To Kankyo/ Corrosion Engineering, 2011, 60, 28-38.	0.0	3
133	SCC Mechanism Near Fusion Line of Low C-13%Cr Welded Joints. Zairyo To Kankyo/ Corrosion Engineering, 2011, 60, 196-201.	0.0	7
134	Local Cu Electro-Plating on Non-Conductive Substrate and Fabrication of Metal Structure with Solution Flow Type Micro-Droplet Cell. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2011, 62, 511-515.	0.1	4
135	Shielding effect of double microelectrode tips in a scanning electrochemical microscope. Electrochimica Acta, 2011, 56, 9602-9608.	2.6	2
136	Simple heat treatment for fabrication of carbonaceous layer-coated microelectrodes and conductive stainless steels. Applied Surface Science, 2011, 257, 8289-8294.	3.1	2
137	Mechano-electrochemistry of a passive surface using an in situ micro-indentation test. Electrochimica Acta, 2011, 56, 1773-1780.	2.6	9
138	Dielectric properties of anodic films on sputter-deposited Ti-Si porous columnar films. Applied Surface Science, 2011, 257, 8295-8300.	3.1	7
139	Effect of Cold Rolling on Passive Film on Pure Iron in pH 8.4 Borate Buffer Solution. ECS Transactions, 2010, 25, 3-15.	0.3	1
140	Anodic Dissolution of Titanium in Ethylene Glycol Solution Containing Chloride Salt. ECS Transactions, 2010, 25, 111-117.	0.3	1
141	Fabrication of Cu Micro-rods with Co-axial Dual Capillary Solution Flow Type Droplet Cell and Electrodeposition with the Cell. Electrochemistry, 2010, 78, 118-121.	0.6	14
142	Anisotropic corrosion of iron in pH 1 sulphuric acid. Electrochimica Acta, 2010, 55, 7322-7327.	2.6	43
143	High capacitance B/C/N composites for capacitor electrodes synthesized by a simple method. Journal of Power Sources, 2010, 195, 1739-1746.	4.0	66
144	Depassivation-repassivation behavior of a pure iron surface investigated by micro-indentation. Electrochimica Acta, 2010, 55, 1232-1238.	2.6	11

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145	Area Selective Formation of Porous Type Aluminum Anodic Oxide Film by a Solution Flow-Type Micro Droplet Cell. ECS Transactions, 2010, 33, 57-63.	0.3	7
146	Influence of Substrate Dislocation on Passivation of Pure Iron in pH 8.4 Borate Buffer Solution. Journal of the Electrochemical Society, 2010, 157, C231.	1.3	33
147	Controlled morphology of aluminum alloy nanopillar films: from nanohorns to nanoplates. Nanotechnology, 2010, 21, 395302.	1.3	6
148	Application of the multichannel electrode method to monitoring of corrosion of steel in an artificial crevice. Corrosion Science, 2010, 52, 1179-1186.	3.0	20
149	Development of a Low Solution Resistance Type Solution Flow Droplet Cell and Investigation of Its Electrochemical Performance. ISIJ International, 2010, 50, 1466-1470.	0.6	6
150	Lithium ion insertion/extraction performance of Si/C/O composites formed from polyimides containing silicone. Tanso, 2009, 2009, 207-212.	0.1	0
151	The Effect of Metal Texture on Depassivation-repassivation Behavior of Iron in Borate Buffer Solution Investigated by Micro-indentation. ECS Transactions, 2009, 16, 133-140.	0.3	2
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