

Tae-il Kim

List of Publications by Year in descending order

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Version: 2024-02-01

310
papers

19,858
citations

20817

60
h-index

11308

136
g-index

323
all docs

323
docs citations

323
times ranked

23866
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretchable and Soft Organic-Ionic Devices for Body-Integrated Electronic Systems. <i>Advanced Materials Technologies</i> , 2022, 7, 2001273.	5.8	16
2	Cerebrospinal Fluid-philic and Biocompatibility-Enhanced Soft Cranial Window for Long-Term <i>In Vivo</i> Brain Imaging. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15035-15046.	8.0	3
3	Skin-Inspired Capacitive Stress Sensor with Large Dynamic Range via Bilayer Liquid Metal Elastomers. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	23
4	High-Performance Implantable Bioelectrodes with Immunocompatible Topography for Modulation of Macrophage Responses. <i>ACS Nano</i> , 2022, 16, 7471-7485.	14.6	13
5	Materials and device design for advanced phototherapy systems. <i>Advanced Drug Delivery Reviews</i> , 2022, 186, 114339.	13.7	24
6	Cuticular pad-inspired selective frequency damper for nearly dynamic noise-free bioelectronics. <i>Science</i> , 2022, 376, 624-629.	12.6	74
7	A wireless haptic interface for programmable patterns of touch across large areas of the skin. <i>Nature Electronics</i> , 2022, 5, 374-385.	26.0	83
8	Fibrillary gelation and dedoping of PEDOT:PSS fibers for interdigitated organic electrochemical transistors and circuits. <i>Npj Flexible Electronics</i> , 2022, 6, .	10.7	20
9	Wearable EEG electronics for a Brain-AI Closed-Loop System to enhance autonomous machine decision-making. <i>Npj Flexible Electronics</i> , 2022, 6, .	10.7	29
10	Carbon aerogel reinforced PDMS nanocomposites with controllable and hierarchical microstructures for multifunctional wearable devices. <i>Carbon</i> , 2021, 171, 758-767.	10.3	29
11	Squaraine Dyes for Photovoltaic and Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2008201.	14.9	59
12	Surface Modification of Gallium-Based Liquid Metals: Mechanisms and Applications in Biomedical Sensors and Soft Actuators. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000159.	6.1	39
13	Highly Osmotic Oxidized Sucrose-Crosslinked Polyethylenimine for Gene Delivery Systems. <i>Pharmaceutics</i> , 2021, 13, 87.	4.5	4
14	Design and material for a patternable polysiloxane acrylate-based penetrating intracortical neural probe. <i>Journal of Micromechanics and Microengineering</i> , 2021, 31, 034002.	2.6	7
15	An on-skin platform for wireless monitoring of flow rate, cumulative loss and temperature of sweat in real time. <i>Nature Electronics</i> , 2021, 4, 302-312.	26.0	110
16	Squaraine Dyes: Squaraine Dyes for Photovoltaic and Biomedical Applications (<i>Adv. Funct. Mater.</i>)	14.9	3
17	Avoiding heating interference and guided thermal conduction in stretchable devices using thermal conductive composite islands. <i>Nano Research</i> , 2021, 14, 3253-3259.	10.4	25
18	Noninterference Wearable Strain Sensor: Near-Zero Temperature Coefficient of Resistance Nanoparticle Arrays with Thermal Expansion and Transport Engineering. <i>ACS Nano</i> , 2021, 15, 8120-8129.	14.6	25

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19	Silk Nanocrack Origami for Controllable Random Lasers. <i>Advanced Functional Materials</i> , 2021, 31, 2104914.	14.9	7
20	A Soft Variable-Area Electrical-Double-Layer Energy Harvester. <i>Advanced Materials</i> , 2021, 33, e2103142.	21.0	33
21	A Liquid Metal Mediated Metallic Coating for Antimicrobial and Antiviral Fabrics. <i>Advanced Materials</i> , 2021, 33, e2104298.	21.0	84
22	Non-yellowish and heat-resistant adhesive for a transparent heat sinking film. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 103, 275-282.	5.8	1
23	Deterministically assigned directional sensing of a nanoscale crack based pressure sensor by anisotropic Poisson ratios of the substrate. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5154-5161.	5.5	8
24	Hopeless tooth and less posterior occlusion is related to a greater risk of low handgrip strength: A population-based cross-sectional study. <i>PLoS ONE</i> , 2021, 16, e0260927.	2.5	2
25	Drug-loaded titanium dioxide nanoparticle coated with tumor targeting polymer as a sonodynamic chemotherapeutic agent for anti-cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102110.	3.3	54
26	Omnidirectional, Broadband Light Absorption in a Hierarchical Nanoturf Membrane for an Advanced Solar-Vapor Generator. <i>Advanced Functional Materials</i> , 2020, 30, 2003862.	14.9	48
27	Deep Learning Hybrid Method to Automatically Diagnose Periodontal Bone Loss and Stage Periodontitis. <i>Scientific Reports</i> , 2020, 10, 7531.	3.3	111
28	Optically Tunable Bifunctional Structures Fabricated by Hybrid Imprint-Photo Lithography (HIPL). <i>Advanced Materials Technologies</i> , 2020, 5, 2000095.	5.8	2
29	Injectable Biomedical Devices for Sensing and Stimulating Internal Body Organs. <i>Advanced Materials</i> , 2020, 32, e1907478.	21.0	42
30	Biocompatible and Biodegradable Organic Transistors Using a Solid-State Electrolyte Incorporated with Choline-Based Ionic Liquid and Polysaccharide. <i>Advanced Functional Materials</i> , 2020, 30, 1909707.	14.9	53
31	Encapsulation and Release Control of Fish Pathogen Utilizing Cross-Linked Alginate Networks and Clay Nanoparticles for Use with a Potential Oral Vaccination. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2679.	2.5	3
32	Nanoscale-Dewetting-Based Direct Interconnection of Microelectronics for a Deterministic Assembly of Transfer Printing. <i>Advanced Materials</i> , 2020, 32, e1908422.	21.0	16
33	Injectable Electronics: Injectable Biomedical Devices for Sensing and Stimulating Internal Body Organs (<i>Adv. Mater.</i> 16/2020). <i>Advanced Materials</i> , 2020, 32, 2070125.	21.0	1
34	Strain-Visualization with Ultrasensitive Nanoscale Crack-Based Sensor Assembled with Hierarchical Thermochromic Membrane. <i>Advanced Functional Materials</i> , 2019, 29, 1903360.	14.9	36
35	Wearable Devices: Ultra-Adaptable and Wearable Photonic Skin Based on a Shape-Memory, Responsive Cellulose Derivative (<i>Adv. Funct. Mater.</i> 34/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970237.	14.9	0
36	Bioinspired Electronics: Bioinspired Electronics for Artificial Sensory Systems (<i>Adv. Mater.</i> 34/2019). <i>Advanced Materials</i> , 2019, 31, 1970242.	21.0	3

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37	Controllable Configuration of Sensing Band in a Pressure Sensor by Lenticular Pattern Deformation on Designated Electrodes. <i>Advanced Materials</i> , 2019, 31, e1902689.	21.0	33
38	Photovoltaic Modules Using a Galinstan Paste Interconnection. <i>Journal of the Korean Physical Society</i> , 2019, 74, 1184-1189.	0.7	0
39	Fluorination effect to intermediate molecular weight polyethylenimine for gene delivery systems. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2468-2478.	4.0	4
40	Sensors: Controllable Configuration of Sensing Band in a Pressure Sensor by Lenticular Pattern Deformation on Designated Electrodes (<i>Adv. Mater.</i> 36/2019). <i>Advanced Materials</i> , 2019, 31, 1970258.	21.0	0
41	Stretchable, Patch-Type Calorie Expenditure Measurement Device Based on Pop Shaped Nanoscale Crack-Based Sensor. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801593.	7.6	21
42	Snail-Inspired Dry Adhesive with Embedded Microstructures for Enhancement of Energy Dissipation. <i>Advanced Materials Technologies</i> , 2019, 4, 1900316.	5.8	26
43	Fabrication of Randomly Stopped Polymer Nanohairs Using Scattered Electron Flood under Ambient Condition. <i>Macromolecular Research</i> , 2019, 27, 739-742.	2.4	0
44	Effect of pH-Responsive Charge-Conversional Polymer Coating to Cationic Reduced Graphene Oxide Nanostructures for Tumor Microenvironment-Targeted Drug Delivery Systems. <i>Nanomaterials</i> , 2019, 9, 1289.	4.1	14
45	Polyethylenimine-functionalized cationic barley β -glucan derivatives for macrophage RAW264.7 cell-targeted gene delivery systems. <i>Carbohydrate Polymers</i> , 2019, 226, 115324.	10.2	2
46	Ultra-Adaptable and Wearable Photonic Skin Based on a Shape-Memory, Responsive Cellulose Derivative. <i>Advanced Functional Materials</i> , 2019, 29, 1902720.	14.9	89
47	Anisotropic Thermal Conductive Composite by the Guided Assembly of Boron Nitride Nanosheets for Flexible and Stretchable Electronics. <i>Advanced Functional Materials</i> , 2019, 29, 1902575.	14.9	140
48	pH-Responsive i-motif Conjugated Hyaluronic Acid/Polyethylenimine Complexes for Drug Delivery Systems. <i>Pharmaceutics</i> , 2019, 11, 247.	4.5	9
49	Highly Sensitive Temperature Sensor: Ligand-Treated Ag Nanocrystal Thin Films on PDMS with Thermal Expansion Strategy. <i>Advanced Functional Materials</i> , 2019, 29, 1903047.	14.9	102
50	Phenylboronic acid-conjugated cationic methylcellulose for hepatocellular carcinoma-targeted drug/gene co-delivery systems. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 75, 148-157.	5.8	5
51	Electrically Robust Single-Crystalline WTe_2 Nanobelts for Nanoscale Electrical Interconnects. <i>Advanced Science</i> , 2019, 6, 1801370.	11.2	17
52	Cholic Acid-Conjugated Methylcellulose-Polyethylenimine Nano-Aggregates for Drug Delivery Systems. <i>Nanomaterials</i> , 2019, 9, 459.	4.1	10
53	Metallic Transition-Metal Chalcogenides: Electrically Robust Single-Crystalline WTe_2 Nanobelts for Nanoscale Electrical Interconnects (<i>Adv. Sci.</i> 3/2019). <i>Advanced Science</i> , 2019, 6, 1970017.	11.2	1
54	Releasable High-Performance GaAs Schottky Diodes for Gigahertz Operation of Flexible Bridge Rectifier. <i>Advanced Electronic Materials</i> , 2019, 5, 1800772.	5.1	16

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55	Biomodification of compromised extraction sockets using hyaluronic acid and rhBMP-2: An experimental study in dogs. <i>Journal of Periodontology</i> , 2019, 90, 416-424.	3.4	14
56	MXene/Polymer Hybrid Materials for Flexible AC-Filtering Electrochemical Capacitors. <i>Joule</i> , 2019, 3, 164-176.	24.0	250
57	Chronic and acute stress monitoring by electrophysiological signals from adrenal gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1146-1151.	7.1	45
58	Bioinspired Electronics for Artificial Sensory Systems. <i>Advanced Materials</i> , 2019, 31, e1803637.	21.0	195
59	Multiaxial and Transparent Strain Sensors Based on Synergetically Reinforced and Orthogonally Cracked Hetero-Nanocrystal Solids. <i>Advanced Functional Materials</i> , 2019, 29, 1806714.	14.9	41
60	Rapid, specific, and ultrasensitive fluorogenic sensing of phosgene through an enhanced PeT mechanism. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 458-462.	7.8	45
61	Phenylboronic Acid-polymers for Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 6797-6816.	2.4	29
62	Wet-Responsive, Reconfigurable, and Biocompatible Hydrogel Adhesive Films for Transfer Printing of Nanomembranes. <i>Advanced Functional Materials</i> , 2018, 28, 1706498.	14.9	84
63	A semi-permanent and durable nanoscale-crack-based sensor by on-demand healing. <i>Nanoscale</i> , 2018, 10, 4354-4360.	5.6	52
64	Stimuli-Responsive Materials: Wet-Responsive, Reconfigurable, and Biocompatible Hydrogel Adhesive Films for Transfer Printing of Nanomembranes (<i>Adv. Funct. Mater.</i> 18/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870117.	14.9	1
65	Our take on 2018 Journal Citation Reports. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 135.	2.0	1
66	Our heritage and beyond. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 273.	2.0	0
67	Materials and design of nanostructured broadband light absorbers for advanced light-to-heat conversion. <i>Nanoscale</i> , 2018, 10, 21555-21574.	5.6	111
68	Hybrid Architectures of Heterogeneous Carbon Nanotube Composite Microstructures Enable Multiaxial Strain Perception with High Sensitivity and Ultrabroad Sensing Range. <i>Small</i> , 2018, 14, e1803411.	10.0	51
69	Hopes of becoming the bridge for North Korean scientists to the world. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 69.	2.0	0
70	Periodontal pathogens and the association between periodontitis and rheumatoid arthritis in Korean adults. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 347.	2.0	17
71	Electronic Skins: Hybrid Architectures of Heterogeneous Carbon Nanotube Composite Microstructures Enable Multiaxial Strain Perception with High Sensitivity and Ultrabroad Sensing Range (<i>Small</i> 52/2018). <i>Small</i> , 2018, 14, 1870253.	10.0	0
72	Heat-not-burn cigarettes heat up controversy. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 201.	2.0	1

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73	pH-Responsive Charge-Conversional Poly(ethylene imine)-Poly(L-lysine)-Poly(L-glutamic acid) with Self-Assembly and Endosome Buffering Ability for Gene Delivery Systems. <i>ACS Applied Bio Materials</i> , 2018, 1, 1496-1504.	4.6	17
74	Gelatin Hydrogel-Based Organic Electrochemical Transistors and Their Integrated Logic Circuits. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39083-39090.	8.0	71
75	Trends in the utilization of dental outpatient services affected by the expansion of health care benefits in South Korea to include scaling: a 6-year interrupted time-series study. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 3.	2.0	11
76	Don't take following the guidelines for granted. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 1.	2.0	0
77	Biosafe, Eco-Friendly Levam Polysaccharide toward Transient Electronics. <i>Small</i> , 2018, 14, e1801332.	10.0	33
78	Layered Double Hydroxide Nanomaterials Encapsulating <i>Angelica gigas</i> Nakai Extract for Potential Anticancer Nanomedicine. <i>Frontiers in Pharmacology</i> , 2018, 9, 723.	3.5	22
79	Quantitative measurement of peri-implant bone defects using optical coherence tomography. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 84.	2.0	7
80	Comparison of marginal bone loss between internal- and external-connection dental implants in posterior areas without periodontal or peri-implant disease. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 103.	2.0	13
81	On-Demand Drug Release from Gold Nanoturf for a Thermo- and Chemotherapeutic Esophageal Stent. <i>ACS Nano</i> , 2018, 12, 6756-6766.	14.6	34
82	Flexible Near-Field Wireless Optoelectronics as Subdermal Implants for Broad Applications in Optogenetics. <i>Neuron</i> , 2017, 93, 509-521.e3.	8.1	323
83	Electrochemical deposition of dopamine-hyaluronic acid conjugates for anti-biofouling bioelectrodes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4507-4513.	5.8	32
84	Targeted calcium influx boosts cytotoxic T lymphocyte function in the tumour microenvironment. <i>Nature Communications</i> , 2017, 8, 15365.	12.8	41
85	Lithography: High-Precision Temperature-Controllable Metal-Coated Polymeric Molds for Programmable, Hierarchical Patterning (<i>Adv. Funct. Mater.</i> 38/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	0
86	High-Precision Temperature-Controllable Metal-Coated Polymeric Molds for Programmable, Hierarchical Patterning. <i>Advanced Functional Materials</i> , 2017, 27, 1702993.	14.9	6
87	Cellular behavior controlled by bio-inspired and geometry-tunable nanohairs. <i>Nanoscale</i> , 2017, 9, 17743-17751.	5.6	12
88	Surface energy-tunable iso decyl acrylate based molds for low pressure-nanoimprint lithography. <i>Nanotechnology</i> , 2017, 28, 405301.	2.6	1
89	Enhanced Osteogenic Commitment of Human Mesenchymal Stem Cells on Polyethylene Glycol-Based Cryogel with Graphene Oxide Substrate. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2470-2479.	5.2	16
90	Effects of the incorporation of μ -aminocaproic acid/chitosan particles to fibrin on cementoblast differentiation and cementum regeneration. <i>Acta Biomaterialia</i> , 2017, 61, 134-143.	8.3	37

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91	Comparative, randomized, double-blind clinical study of alveolar ridge preservation using an extracellular matrix-based dental resorbable membrane in the extraction socket. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 165.	2.0	9
92	A randomized controlled clinical study of periodontal tissue regeneration using an extracellular matrix-based resorbable membrane in combination with a collagenated bovine bone graft in intrabony defects. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 363.	2.0	2
93	Our recap for happy new year. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 351.	2.0	0
94	PubMed's revamped management system is paying off. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 64.	2.0	0
95	Introducing our new online manuscript-processing portal: an upgrade much needed. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 133.	2.0	0
96	Overview of newly announced clinical data sharing policy from the International Committee of Medical Journal Editors. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 193.	2.0	0
97	Endorsement of the Contributor Roles Taxonomy for the clarification of authorship. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 1.	2.0	3
98	Future endeavors needed to close the socioeconomic gap in periodontal health. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 263.	2.0	0
99	Improved accuracy in periodontal pocket depth measurement using optical coherence tomography. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 13.	2.0	14
100	Effective Assembly of Nano-Ceramic Materials for High and Anisotropic Thermal Conductivity in a Polymer Composite. <i>Polymers</i> , 2017, 9, 413.	4.5	66
101	PubMed's revamped management system is paying off. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 64.	2.0	0
102	Advancing toward quality, collaboration, and public access. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 219.	2.0	0
103	Leaving Bethesda. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 71.	2.0	0
104	Changes in dental care access upon health care benefit expansion to include scaling. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 405.	2.0	20
105	Recent Advances in Unconventional Lithography for Challenging 3D Hierarchical Structures and Their Applications. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-17.	2.7	16
106	Process, Design and Materials for Unidirectionally Tilted Polymeric Micro/Nanohairs and Their Adhesion Characteristics. <i>Polymers</i> , 2016, 8, 326.	4.5	5
107	Smart alone, brilliant together. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 361.	2.0	0
108	Who dares, wins?. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 1.	2.0	0

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109	Concerns around Brexit from the perspective of dentistry. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 135.	2.0	0
110	The relationship between dental implant stability and trabecular bone structure using cone-beam computed tomography. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 116.	2.0	26
111	Materials and Designs for Multimodal Flexible Neural Probes. <i>Microsystems and Nanosystems</i> , 2016, , 293-308.	0.1	3
112	Multilayer Transfer Printing for Pixelated, Multicolor Quantum Dot Light-Emitting Diodes. <i>ACS Nano</i> , 2016, 10, 4920-4925.	14.6	115
113	Nanoscale Sensors: Dramatically Enhanced Mechanosensitivity and Signal-to-Noise Ratio of Nanoscale Crack-Based Sensors: Effect of Crack Depth (<i>Adv. Mater.</i> 37/2016). <i>Advanced Materials</i> , 2016, 28, 8068-8068.	21.0	10
114	Dramatically Enhanced Mechanosensitivity and Signal-to-Noise Ratio of Nanoscale Crack-Based Sensors: Effect of Crack Depth. <i>Advanced Materials</i> , 2016, 28, 8130-8137.	21.0	276
115	Designs and processes toward high-aspect-ratio nanostructures at the deep nanoscale: unconventional nanolithography and its applications. <i>Nanotechnology</i> , 2016, 27, 474001.	2.6	18
116	Percolation-Controlled Metal/Polyelectrolyte Complexed Films for All-Solution-Processable Electrical Conductors. <i>Advanced Functional Materials</i> , 2016, 26, 8726-8734.	14.9	10
117	Ultra-mechanically stable and transparent conductive electrodes using transferred grid of Ag nanowires on flexible substrate. <i>Current Applied Physics</i> , 2016, 16, 24-30.	2.4	27
118	Crosslinked Polypropylenimine Dendrimers With Bioreducible Linkages for Gene Delivery Systems and Their Reductive Degradation Behaviors. <i>Macromolecular Bioscience</i> , 2015, 15, 1595-1604.	4.1	6
119	Health technology in perspective. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 1.	2.0	1
120	Volumetric quantification of bone-implant contact using micro-computed tomography analysis based on region-based segmentation. <i>Imaging Science in Dentistry</i> , 2015, 45, 7.	1.8	8
121	In remembrance of a valued member of our editorial board, Dr. Yoonkyung Do. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 127.	2.0	0
122	Welcoming a global microbiome initiative proposal for precision dentistry. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 161.	2.0	0
123	A page is turned in the digital era. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 191.	2.0	0
124	Microgrooves on titanium surface affect peri-implant cell adhesion and soft tissue sealing; an <i>in vitro</i> and <i>in vivo</i> study. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 120.	2.0	37
125	Self-Assembling Multifunctional Peptide Dimers for Gene Delivery Systems. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-9.	1.8	4
126	Genes at stake. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 37.	2.0	0

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127	A clear 'wake-up call' from Korea. Journal of Periodontal and Implant Science, 2015, 45, 81.	2.0	0
128	Highly durable and unidirectionally stooped polymeric nanohairs for gecko-like dry adhesive. Nanotechnology, 2015, 26, 415301.	2.6	13
129	An advanced navigational surgery system for dental implants completed in a single visit: An inÂvitro study. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 117-125.	1.7	16
130	Theoretical analysis of flexible strain-gauge sensor with nanofibrillar mechanical interlocking. Current Applied Physics, 2015, 15, 274-278.	2.4	5
131	Injectable, Unconventional Electronic Devices for Optogenetics. Brain Stimulation, 2015, 8, 319.	1.6	0
132	Injectable, Unusual Electronics for Wireless Optogenetics. Brain Stimulation, 2015, 8, 437.	1.6	1
133	Agmatine-Containing Bioreducible Polymer for Gene Delivery Systems and Its Dual Degradation Behavior. Biomacromolecules, 2015, 16, 2715-2725.	5.4	14
134	Water-Soluble Thin Film Transistors and Circuits Based on Amorphous Indiumâ€“Galliumâ€“Zinc Oxide. ACS Applied Materials & Interfaces, 2015, 7, 8268-8274.	8.0	113
135	Geometry-Controllable Graphene Layers and Their Application for Supercapacitors. ACS Applied Materials & Interfaces, 2015, 7, 8070-8075.	8.0	13
136	Permeability- and Surface-Energy-Tunable Polyurethane Acrylate Molds for Capillary Force Lithography. ACS Applied Materials & Interfaces, 2015, 7, 23824-23830.	8.0	14
137	Soft, stretchable, fully implantable miniaturized optoelectronic systems for wireless optogenetics. Nature Biotechnology, 2015, 33, 1280-1286.	17.5	658
138	Comparison of alveolar ridge preservation methods using three-dimensional micro-computed tomographic analysis and two-dimensional histometric evaluation. Imaging Science in Dentistry, 2014, 44, 143.	1.8	15
139	Surface treatment of silica nanoparticles for stable and charge-controlled colloidal silica. International Journal of Nanomedicine, 2014, 9 Suppl 2, 29.	6.7	54
140	Concerns about maintenance of natural teeth and dental implants. Journal of Periodontal and Implant Science, 2014, 44, 1.	2.0	0
141	The digital version of JPIS offers more than ever. Journal of Periodontal and Implant Science, 2014, 44, 101.	2.0	0
142	A call for attention to developmental disabilities in dental care. Journal of Periodontal and Implant Science, 2014, 44, 215.	2.0	1
143	Can't and Won't. Journal of Periodontal and Implant Science, 2014, 44, 49.	2.0	0
144	One more significant step completed towards the globalization of Journal of Periodontal & Implant Science. Journal of Periodontal and Implant Science, 2014, 44, 157.	2.0	0

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145	Anticancer Drug-Incorporated Layered Double Hydroxide Nanohybrids and Their Enhanced Anticancer Therapeutic Efficacy in Combination Cancer Treatment. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	31
146	Ultrasensitive mechanical crack-based sensor inspired by the spider sensory system. <i>Nature</i> , 2014, 516, 222-226.	27.8	1,196
147	Temperature- and size-dependent characteristics in ultrathin inorganic light-emitting diodes assembled by transfer printing. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	35
148	A tribute to Dr. Per-Ingvar Brånemark. <i>Journal of Periodontal and Implant Science</i> , 2014, 44, 265.	2.0	5
149	Cationic methylcellulose derivative with serum-compatibility and endosome buffering ability for gene delivery systems. <i>Carbohydrate Polymers</i> , 2014, 110, 268-277.	10.2	20
150	Immunologic and Tissue Biocompatibility of Flexible/Stretchable Electronics and Optoelectronics. <i>Advanced Healthcare Materials</i> , 2014, 3, 515-525.	7.6	90
151	Therapeutic gene delivery using bioreducible polymers. <i>Archives of Pharmacal Research</i> , 2014, 37, 31-42.	6.3	15
152	Synthesis and characterization of guanidinylated polyethylenimine-conjugated chitosan for gene delivery systems. <i>Macromolecular Research</i> , 2014, 22, 264-271.	2.4	4
153	Fundamental effects in nanoscale thermocapillary flow. <i>Journal of Applied Physics</i> , 2014, 115, 054315.	2.5	8
154	Irradiation by Gallium-Aluminum-Arsenate Diode Laser Enhances the Induction of Nitric Oxide by <i>Porphyromonas gingivalis</i> RAW 264.7 Cells. <i>Journal of Periodontology</i> , 2014, 85, 1259-1265.	3.4	4
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