Yasuo Yoshimi

List of Publications by Year
in descending order

29 papers	516 citations	687363 13 h-index	642732 23 g-index
31 all docs	31 docs citations	31 times ranked	476 citing authors

#	Article	IF	Citations
1	A Disposable Sensor Chip Using a Paste Electrode with Surface-Imprinted Graphite Particles for Rapid and Reagentless Monitoring of Theophylline. Molecules, 2022, 27, 2456.	3.8	2
2	Molecularly Imprinted Carbon-Paste for Theophylline Sensing on a Disposable Paper Chip Sensor. ECS Meeting Abstracts, 2021, MA2021-01, 1394-1394.	0.0	0
3	Reagentless Sensing of Vancomycin Using an Indium Tin Oxide Electrode Grafted with Molecularly Imprinted Polymer including Ferrocenyl Group. Sensors, 2021, 21, 8338.	3.8	3
4	A â€œSingle-Useâ€•Ceramic-Based Electrochemical Sensor Chip Using Molecularly Imprinted Carbon Paste Electrode. Sensors, 2020, 20, 5847.	3.8	16
5	A Disposable Vancomycin Sensor Using Molecularly Imprinted Carbon Paste on a Ceramic Chip. ECS Meeting Abstracts, 2020, MA2020-02, 3332-3332.	0.0	0
6	Size of Heparin-Imprinted Nanoparticles Reflects the Matched Interactions with the Target Molecule. Sensors, 2019, 19, 2415.	3.8	14
7	Heparin molecularly imprinted polymer thin flm on gold electrode by plasma-induced graft polymerization for label-free biosensor. Journal of Pharmaceutical and Biomedical Analysis, 2018, 151, 324-330.	2.8	27
8	Blood heparin sensor made from a paste electrode of graphite particles grafted with molecularly imprinted polymer. Sensors and Actuators B: Chemical, 2018, 259, 455-462.	7.8	26
9	Molecularly Imprinted Polymers Applicable for Biomimetic CatalystsÂin Sensors. , 2016, , 241-252.		2
10	Stabilized sensing of heparin in whole blood using the â€˜gate effectâ€™ of heparin-imprinted polymer grafted onto an electrode. Molecular Imprinting, 2016, 4, .	1.8	8
11	Metaniche session 2016: Tailor-made sensors for rapid Therapeutic Drug Monitoring â€“Interactions between Biomaterial Physicists, Chemical Engineers and Clinicians for successful translation of technologies in Healthcare. Journal of Stem Cells and Regenerative Medicine, 2016, 12, 105-107.	2.2	0
12	Improved gate effect enantioselectivity of phenylalanine-imprinted polymers in water by blending crosslinkers. Analytica Chimica Acta, 2015, 862, 77-85.	5.4	17
13	Application of the â€˜gate effectâ€™ of a molecularly imprinted polymer grafted on an electrode for the real-time sensing of heparin in blood. Analyst, The, 2013, 138, 5121.	3.5	49
14	Changes in the Porosity and Permeability of a Molecularly Imprinted Membrane Induced by the Adsorption of a Trace Quantity of Template. The Open Analytical Chemistry Journal, 2013, 7, 22-29.	2.2	4
15	Influence of the solvent on nature of gate effect in molecularly imprinted membrane. Analytica Chimica Acta, 2010, 682, 110-116.	5.4	19
16	Chiral-Discriminative Gate Effect in Self-Supporting Phenylalanine-Imprinted Poly(Methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Engineering of Japan, 2009, 42, 600-606.	0.6	12
17	Development of an enzyme-free glucose sensor using the gate effect of a molecularly imprinted polymer. Journal of Artificial Organs, 2009, 12, 264-270.	0.9	43
18	Influence of solvents on chiral discriminative gate effect of molecularly imprinted poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	7.8	37

#	Article	IF	Citations
19	Is â€œGate Effectâ€•of Molecularly Imprinted Polymer Membrane Truly a Certain Phenomena?. Membrane, 2005, 30, 147-151.	0.0	0
20	Development of an artificial synapse using an electrochemical micropump. Journal of Artificial Organs, 2005, 7, 210-215.	0.9	14
21	Effect of Electrostatic Interactions on Gate Effect in Molecularly Imprinted Polymers. Electrochemistry, 2004, 72, 508-510.	1.4	8
22	Gate effect of theophylline-imprinted polymers grafted to the cellulose by living radical polymerization. Journal of Membrane Science, 2004, 233, 169-173.	8.2	65
23	Improvement of Hydrogen Peroxide Sensitivity by an Electrochemiluminescent Method with Luminol using Polyion Adsorption onto the Electrode. Electrochemistry, 2004, 72, 747-750.	1.4	1
24	Gate Effect of Cellulosic Dialysis Membrane Grafted with Molecularly Imprinted Polymer.. Journal of Chemical Engineering of Japan, 2001, 34, 1466-1469.	0.6	22
25	â€œGate effectâ€•of thin layer of molecularly-imprinted poly(methacrylic acid-co-ethyleneglycol) Tj ETQq1 1 0.784314 rgBT /Overlock	7.8	106
26	Transient Measurement of Glucose Using On-Off Controllable Enzyme Electrode with Polypyrrole Membrane.. Journal of Chemical Engineering of Japan, 1998, 31, 29-34.	0.6	4
27	Analysis of Reaction of Luminol at an Indium-tin Oxide Anode by Cyclic Voltammetry.. Journal of Chemical Engineering of Japan, 1997, 30, 535-538.	0.6	1
28	Cathodic Electrochemiluminescence of Luminol Enhanced by Antibody-Antigen Reaction.. Journal of Chemical Engineering of Japan, 1996, 29, 851-857.	0.6	11
29	Electroluminescence of Indium-Tin Oxide in an Alkaline Solution of Hydrogen Peroxide.. Journal of Chemical Engineering of Japan, 1996, 29, 1063-1066.	0.6	2