Mohammed Talbi

List of Publications by Year
in descending order

80 papers	1,134 citations	393982 19 h-index	433756 31 g-index
84 all docs	84 docs citations	84 times ranked	1273 citing authors

#	Article	IF	Citations
1	Purification and partial characterization of azoreductase from Enterobacter agglomerans. Archives of Biochemistry and Biophysics, 2003, 413, 139-146.	1.4	113
2	Waste Water Bacterial Isolates Resistant to Heavy Metals and Antibiotics. Current Microbiology, 2000, 41, 151-156.	1.0	101
3	Biosorption of mercury from aqueous solution by Ulva lactuca biomass. Bioresource Technology, 2003, 90, 349-351.	4.8	85
4	Alkamides from Artemisia dracunculus. Phytochemistry, 2001, 58, 1083-1086.	1.4	61
5	Critical analysis of several analytical method validation strategies in the framework of the fit for purpose concept. Journal of Chromatography A, 2010, 1217, 3180-3192.	1.8	56
6	A 4-91-GHz traveling-wave amplifier in a standard 0.12-/spl mu/m SOI CMOS microprocessor technology. IEEE Journal of Solid-State Circuits, 2004, 39, 1455-1461.	3.5	46
7	Decolorization of Azo Dyes with Enterobacter agglomerans Immobilized in Different Supports by Using Fluidized Bed Bioreactor. Current Microbiology, 2004, 48, 124-129.	1.0	43
8	PVC discrimination using the QRS power spectrum and self-organizing maps. Computer Methods and Programs in Biomedicine, 2009, 94, 223-231.	2.6	41
9	Fractional distillation effect on the chemical composition of Moroccan myrtle (Myrtus communis L.) essential oils. Flavour and Fragrance Journal, 2006, 21, 351-354.	1.2	39
10	Synthesis and properties of fluorosilicon-containing polybutadienes by hydrosilylation of fluorinated hydrogenosilanes. Part 1. Preparation of the silylation agents. Journal of Fluorine Chemistry, 1995, 74, 191-197.	0.9	37
11	Chemical composition and insecticidal activity of five essential oils: Cedrus atlantica, Citrus limonum, Rosmarinus officinalis, Syzygium aromaticum and Eucalyptus globules. Materials Today: Proceedings, 2019, 13, 474-485.	0.9	37
12	L'upwelling de la cÃ´te atlantique du Maroc entre 1994 et 1998. Comptes Rendus - Geoscience, 2005, 337, 1518-1524.	0.4	35
13	Composition chimique et activitÃ©s antimicrobienne et insecticide de l'huile essentielle de<i>Mentha rotundifolia</i>du Maroc. Acta Botanica Gallica, 2003, 150, 267-274.	0.9	31
14	Composition chimique et activitÃ© antimicrobienne des huiles essentielles extraites par hydrodistillation fractionnÃ©e du bois de<i>Cedrus atlantica</i>Manetti. Acta Botanica Gallica, 2006, 153, 97-104.	0.9	26
15	Detection of PVC in ECG signals using fractional linear prediction. Biomedical Signal Processing and Control, 2016, 23, 42-51.	3.5	25
16	A novel bio-adsorbent of mint waste for dyes remediation in aqueous environments: study and modeling of isotherms for removal of methylene Blue. Oriental Journal of Chemistry, 2014, 30, 1183-1189.	0.1	24
17	Glasses formation, characterization, and crystal-structure determination in the Bi2O3â€"Sb2O3â€"TeO2 system prepared in an air. Journal of Materials Science, 2011, 46, 5439-5446.	1.7	23
18	Eudesmanolides from Artemisia herba-alba. Phytochemistry, 1996, 43, 309-311.	1.4	20

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19	Effet de la distillation fractionnÃ©e sur la composition chimique et l'activitÃ© antimicrobienne des huiles essentielles du Myrte (<i>Myrtus communis</i>L.) du Maroc. Acta Botanica Gallica, 2006, 153, 235-242.	0.9	19
20	Composition chimique et activitÃ©s antibactÃ©rienne et antifongique des huiles essentielles extraites des feuilles d'<i>Eucalyptus camaldulensis</i>et de son hybride naturel (clone 583). Acta Botanica Gallica, 2001, 148, 183-190.	0.9	18
21	Composition chimique et activitÃ© antibactÃ©rienne et antifongique de l'huile essentielle<i>d'Ammi visnaga</i>(L.) Lam. du Maroc. Acta Botanica Gallica, 2004, 151, 65-71.	0.9	16
22	Application of an SOI 0.12-Âµm CMOS technology to SoCs with low-power and high-frequency circuits. IBM Journal of Research and Development, 2003, 47, 611-629.	3.2	15
23	Usefulness of capability indices in the framework of analytical methods validation. Analytica Chimica Acta, 2012, 714, 47-56.	2.6	13
24	User Profiling in a SPOC: A method based on User Video Clickstream Analysis. International Journal of Emerging Technologies in Learning, 2019, 14, 110.	0.8	12
25	Two natural compounds â€" a benzofuran and a phenylpropane â€" from <i>Artemisia dracunculus</i>. Journal of Asian Natural Products Research, 2016, 18, 724-729.	0.7	11
26	A 31 GHz CML ring VCO with 5.4 ps delay in a 0.12-Î¼m SOI CMOS technology. , 0, , .		10
27	A New Thiophen Acetylene from <i>Artemisia Absinthium</i>. Journal of the Chinese Chemical Society, 2004, 51, 637-638.	0.8	9
28	A Recommender System for Videos Suggestion in a SPOC: A Proposed Personalized Learning Method. Studies in Big Data, 2019, , 92-101.	0.8	9
29	Comparative Analysis of Student Engagement in Digital Textbook Use during Quarantine. Education Sciences, 2021, 11, 352.	1.4	9
30	Study of the Self-Determined Motivation among Students in the Context of Online Pedagogical Activities. International Journal of Emerging Technologies in Learning, 2020, 15, 17.	0.8	7
31	Okadaic acid and its interaction with sodium, potassium, magnesium and calcium ions: Complex formation and transport across a liquid membrane. Toxicon, 1997, 35, 843-847.	0.8	6
32	The effect of OPC optical and resist model parameters on the model accuracy, run time, and stability. , 2006, 6349, 623.		6
33	Flexibility and applicability of Î²â€‘expectation tolerance interval approach to assess the fitness of purpose of pharmaceutical analytical methods. Drug Testing and Analysis, 2012, 4, 1014-1027.	1.6	6
34	Multi-analytical study of 14th to 19th century illuminated Moroccan manuscripts. European Physical Journal Plus, 2019, 134, 1.	1.2	6
35	Correlative Study between Personality Traits, Student Mental Skills and Educational Outcomes. Education Sciences, 2021, 11, 153.	1.4	6
36	Economic evaluation for the optimal introduction of flexible manufacturing technology under rivalry. Annals of Operations Research, 1985, 3, 81-112.	2.6	5

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37	The effect of calibration feature weighting on OPC optical and resist models: investigating the influence on model coefficients and on the overall model fitting. , 2005, , .		5
38	Model-based calculation of weighting in OPC model calibration. , 2006, 6152, 13.		5
39	Progress Report in Neuroscience and Education: Experiment of Four Neuropedagogical Methods. Education Sciences, 2021, 11, 373.	1.4	5
40	Investigation of inks, pigments and paper in four Moroccan illuminated manuscripts dated to the eighteenth century. European Physical Journal Plus, 2021, 136, 1.	1.2	5
41	Do placebo based validation standards mimic real batch products behaviour? Case studies. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 583-590.	1.4	4
42	Standardized modeling learners ontology Â«SLMontoÂ» to support interactive learning environment. , 2015, , .		4
43	Characterizing Parkinson's desease using EMG fractional linear prediction. , 2016, , .		4
44	Characterization of natural degradation of historical Moroccan Jewish parchments by complementary spectroscopic techniques. Microchemical Journal, 2018, 139, 250-259.	2.3	4
45	Applying Data Analytics and Cumulative Accuracy Profile (CAP) Approach in Real-Time Maintenance of Instructional Design Models. Advances in Intelligent Systems and Computing, 2019, , 17-25.	0.5	4
46	Impact of Anthropogenic Facilities on the Morphodynamic Evolution of an Estuarine System: The Case of Oum Er-Rbia Estuary (Azemmour, Morocco). Journal of Marine Science and Engineering, 2019, 7, 248.	1.2	4
47	Integration of a Computer Device for Learning and Training Situations: The Case of Faculty of Sciences Ben M'sik (FSBM). International Journal of Emerging Technologies in Learning, 2019, 14, 243.	0.8	4
48	Online Peeragogy: Effects of Videos Developed by Students on Peer Learning and their Impact on Academic Results. International Journal of Emerging Trends in Engineering Research, 2019, 7, 576-583.	0.7	4
49	Effect of Physical Exercise and Gender on Information Processing and Choice Reaction Time of University Students. International Journal of Human Movement and Sports Sciences, 2020, 8, 37-42.	0.1	4
50	Detection of Paralytic and Diarrhetic Shellfish Toxins in Moroccan Cockles (Acanthocardia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	1.3	3
51	Effect of Waste Mint in Urea Formaldehyde Adhesive on the Thermal Degradation of Plywood. Oriental Journal of Chemistry, 2018, 34, 1375-1379.	0.1	3
52	Formative E-Assessment and Behavioral Commitment of Students: Case of the Faculty of Science Ben Mâ€™sik. International Journal of Emerging Technologies in Learning, 2019, 14, 4.	0.8	3
53	The Effectiveness of a Learner-Centered Pedagogical Approach with Flipped Pedagogy and Digital Learning Environment in Higher Education Feedback on a Cell Biology Course. International Journal of Emerging Technologies in Learning, 2021, 16, 4.	0.8	3
54	Variations in Circadian Rhythmicity and Studentsâ€™ Gender-Related Psychological Conditions during the COVID-19 Lockdown. Education Sciences, 2021, 11, 355.	1.4	3

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55	Valorization the waste of the wood industry (sawdust) and their use as adsorbent material: physicochemical characterization and modeling of optimization sorption using statistical approach. Journal of Materials and Environmental Science, 2018, 9, 201-211.	0.5	3
56	3D physical modeling for patterning process development. , 2010, , .		2
57	Teacher-training: Analysis of teachers' representations about their impact on the teaching of the chemical reaction under the current system. Procedia, Social and Behavioral Sciences, 2011, 15, 2122-2131.	0.5	2
58	Leveraging Video Clickstream data to predict the user's Video Interest in a SPOC. , 2019, , .		2
59	Design and Implementation of a Risk Management Tool: A Case Study of the Moodle Platform. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.5	2
60	Flipped Classroom and Serious Games as a New Learning Model in Experimental Sciences at the University. Advances in Intelligent Systems and Computing, 2020, , 731-739.	0.5	2
61	Three-dimensional physical photoresist model calibration and profile-based pattern verification. Proceedings of SPIE, 2010, , .	0.8	1
62	Physical resist model calibration for implant level using laser-written photomasks. Proceedings of SPIE, 2010, , .	0.8	1
63	Arrhythmias classification using the fractal behavior of the power spectrum density of the QRS complex and ANN. , 2010, , .		1
64	Teaching-Learning of Chemistry: Analysis of Representations of Learners on the Modeling of Chemical Transformation. Procedia, Social and Behavioral Sciences, 2012, 46, 47-52.	0.5	1
65	Alignment between two domain ontologies (Case of educational orientation in mathematics) Tj ETQq1 1 0.784314 rgBT /Overlock 10		1
66	Technical Quality of a Mobile SPOC. International Journal of Interactive Mobile Technologies, 2018, 12, 140.	0.7	1
67	Simple Technology is an Improved Solution for a Post-Pandemic Informative System: A Reference Model. International Journal of Emerging Technologies in Learning, 2021, 16, 35.	0.8	1
68	Identification and Learning Styles' Variation Factors for a Hybrid and Distance Learning Professional Training ODL-SPOC. International Journal of Emerging Technologies in Learning, 2021, 16, 89.	0.8	1
69	Adsorption of cationic dye onto Moroccan natural rock. Mediterranean Journal of Chemistry, 2019, 9, 37-44.	0.3	1
70	Students' Views on E-learning and Knowledge of Learning Platforms: Case of a Professional License at the Higher Normal School of Casablanca. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 2282-2288.	0.6	1
71	A Multi-Objectives Optimization to Develop the Mobile Dimension in a Small Private Online Course (SPOC). International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	1
72	Substance Use in College Students: A Comparative Study on French and Moroccan Students. Journal of Educational and Social Research, 2020, 10, 47.	0.1	1

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73	OPC model data collection for 45-nm technology node using automatic CD-SEM offline recipe creation. , 2007, , .		0
74	Adsorption Process of Cu(II) Cations by Using the Waste of Phosphate Rock (WPR) as Novel Adsorbent material. Oriental Journal of Chemistry, 2018, 34, 1908-1918.	0.1	0
75	Study of the Profile Concentration of a Chemical Through a Sandwich Packaging. Oriental Journal of Chemistry, 2015, 31, 1659-1662.	0.1	0
76	Performance Scoring at University: Algorithm of Student Performance. Smart Innovation, Systems and Technologies, 2019, , 44-55.	0.5	0
77	The design of free digital resources: Typology of DIY videos made by students for online tutoring: Case of a license in Hassan II University. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 2149-2155.	0.6	0
78	Identification of Student-Teachers Groupsâ€™ Needs in Physical Education and Sport for Designing an Open Distance Learning on the Model of Small Private Online Courses. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	0
79	Heartbeat Classification Using ANFIS System and QRS Complex Features Extraction. , 2020, , .		0
80	Validation and Development of a Moroccan School Quality Evaluation System. Education Research International, 2021, 2021, 1-11.	0.6	0