

# FayÅ§al Rejiba

## List of Publications by Year in descending order

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33  
papers

801  
citations

567281

15  
h-index

501196

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the resistivity distribution along underground pipes in urban contexts using galvanic and capacitive methods. <i>Near Surface Geophysics</i> , 2021, 19, 27-41.	1.2	7
2	Full-wave modelling of early-time measurements in time-domain electromagnetics: Consideration of coupling between Tx-Rx antennas and the ground. <i>Geophysical Prospecting</i> , 2021, 69, 1375-1386.	1.9	2
3	Geometrical characterization of urban fill by integrating the multi-receiver electromagnetic induction method and electrical resistivity tomography: A case study in Poitiers, France. <i>European Journal of Soil Science</i> , 2019, 70, 1012-1024.	3.9	10
4	Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method. <i>Geophysical Journal International</i> , 2019, 216, 453-469.	2.4	8
5	RELATION BETWEEN DCP DATA AND GEOPHYSICAL MEASUREMENTS ON UNIMPROVED LANDING ZONES. , 2019, . , .		0
6	LOMOS-mini: A coupled system quantifying transient water and heat exchanges in streambeds. <i>Journal of Hydrology</i> , 2018, 561, 1037-1047.	5.4	7
7	Time-domain electromagnetic imaging of a clayey confining bed in a brackish environment: A case study in the Kairouan Plain Aquifer (Kelbia salt lake, Tunisia). <i>Hydrological Processes</i> , 2018, 32, 3954-3965.	2.6	7
8	Multiconfiguration electromagnetic induction survey for paleochannel internal structure imaging: a case study in the alluvial plain of the River Seine, France. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 159-170.	4.9	14
9	Demonstrating the contribution of dielectric permittivity to the in-phase EMI response of soils: example from an archaeological site in Bahrain. <i>Near Surface Geophysics</i> , 2016, 14, 337-344.	1.2	17
10	Medium-frequency electromagnetic device to measure electric conductivity and dielectric permittivity of soils. <i>Geophysics</i> , 2016, 81, E1-E16.	2.6	9
11	2D characterization of near-surface : surface-wave dispersion inversion versus refraction tomography. <i>Near Surface Geophysics</i> , 2015, 13, 315-332.	1.2	28
12	Laser-doppler Acoustic Probing of Granular Media with Varying Water Levels. <i>Physics Procedia</i> , 2015, 70, 799-802.	1.2	4
13	Detecting different water table levels in a shallow aquifer with combined P-, surface and SH-wave surveys: Insights from VP/VS or Poisson's ratios. <i>Journal of Applied Geophysics</i> , 2015, 113, 38-50.	2.1	57
14	Small-scale physical modeling of seismic-wave propagation using unconsolidated granular media. <i>Geophysics</i> , 2014, 79, T323-T339.	2.6	18
15	Designing a multi-scale sampling system of stream-aquifer interfaces in a sedimentary basin. <i>Journal of Hydrology</i> , 2013, 504, 194-206.	5.4	33
16	Evidencing a large body of ice in a rock glacier, vanoise massif, northern french alps. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2013, 95, 109-123.	1.5	17
17	First in situ tests of a new electrostatic resistivity meter. <i>Near Surface Geophysics</i> , 2013, 11, 265-274.	1.2	12
18	1D single-site and laterally constrained inversion of multifrequency and multicomponent ground-based electromagnetic induction data - Application to the investigation of a near-surface clayey overburden. <i>Geophysics</i> , 2012, 77, WB19-WB35.	2.6	15

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19	GPR imaging of a sand dune aquifer: A case study in the niayes ecoregion of Tanma, Senegal. <i>Journal of Applied Geophysics</i> , 2012, 81, 16-20.	2.1	12
20	Shallow-structure characterization by 2D elastic full-waveform inversion. <i>Geophysics</i> , 2011, 76, R81-R93.	2.6	98
21	Seismic-Wave Propagation Modeling in Viscoelastic Media Using the Auxiliary Differential Equation Method. <i>Bulletin of the Seismological Society of America</i> , 2011, 101, 413-420.	2.3	8
22	Structure and genesis of the Thabor rock glacier (Northern French Alps) determined from morphological and ground-penetrating radar surveys. <i>Geomorphology</i> , 2011, 134, 269-279.	2.6	39
23	Mapping of contaminant plumes with geoelectrical methods. A case study in urban context. <i>Journal of Applied Geophysics</i> , 2011, 75, 738-751.	2.1	53
24	Zero-offset profiling using frequency cross-hole radar in a layered embankment test site: antenna design, simulation and experimental results. <i>Near Surface Geophysics</i> , 2011, 9, 67-76.	1.2	3
25	Wide band coplanar waveguide-fed bowtie slot antenna for a large range of ground penetrating radar applications. <i>IET Microwaves, Antennas and Propagation</i> , 2011, 5, 734.	1.4	22
26	PaPRIKa: a method for estimating karst resource and source vulnerability—application to the Ouyssse karst system (southwest France). <i>Hydrogeology Journal</i> , 2011, 19, 339-353.	2.1	72
27	Assessment of doline geometry using geophysics on the Quercy plateau karst (South France). <i>Earth Surface Processes and Landforms</i> , 2011, 36, 1183-1192.	2.5	37
28	Ground penetrating radar survey and stratigraphic interpretation of the Plan du Lac rock glaciers, Vanoise Massif, northern French Alps. <i>Permafrost and Periglacial Processes</i> , 2008, 19, 19-30.	3.4	18
29	Inversion Of Surface Waves In Complex Structures. , 2008, , .		2
30	Correlations between geotechnical and electrical data: A case study at Garchy in France. <i>Journal of Applied Geophysics</i> , 2006, 60, 165-178.	2.1	137
31	Three-dimensional transient electromagnetic modeling for investigating the spatial sensitivity of time domain reflectometry measurements. <i>Water Resources Research</i> , 2005, 41, .	4.2	8
32	FDTD-SUPML-ADE simulation for Ground-Penetrating Radar modeling. <i>Radio Science</i> , 2003, 38, 5-1-5-13.	1.6	18
33	FDTD algorithm and simulation for pipes detection in random dispersive media. , 2002, , .		0